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LOGUE of CANADA'S GREATEST SEED HOUSE

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THE STEELE, BRIGGS SEED CO. LIMITED
TORONTO, ONT.

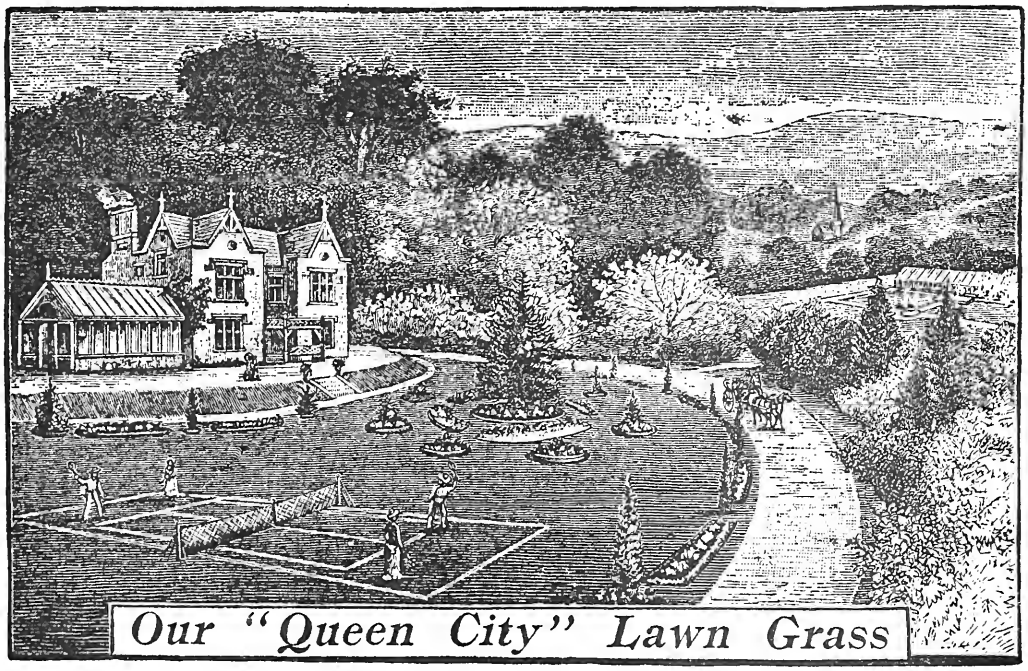
SOW OUR "QUEEN CITY" LAWN GRASS SEE

AND QUICKLY SECURE

A PERMANENT, RICH, GREEN, GRASSY CARPET

THE BEST LAWNS IN CANADA TO-DAY ARE FROM THIS MIXTURE

That our "Queen City" is the finest mixture of Lawn Grass seed ever offered, the immense quantity we annually sell is the best pr we can offer. It is the best Lawn seed for our Canadian climate, and is composed of various grasses that grow and flourish during differ months of the year, so that a rich, deep green, velvety lawn is constantly maintained. Our mixture is the result of several years' car experimenting, and as we now offer it, it is unequalled. The quantity required for making a handsome lawn is 80 to 100 lbs. per ac or for renovating old lawns, 15 to 25 lbs. For a plot 20 x 20, or 400 square feet, 1 lb. is required for new lawn, or about half a pound renovation. Per lb., 25c.; post-paid. 30c. Special prices for large quantities on application.



Our "Queen City" Lawn Grass

"SHADY NOOK LAWN GRASS

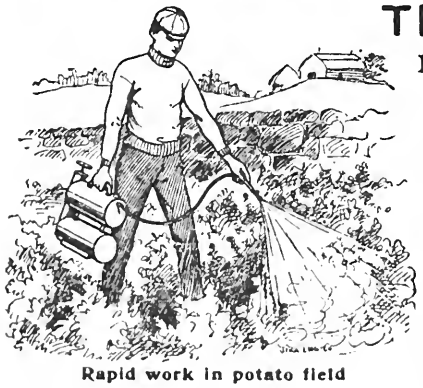
Many lawns have bare and unsigh spots under trees and shaded plac which have been seeded, sodded, a every possible attention given to sec grass, but without success. There but few grasses which will grow a thrive in such situations. Our "Sh Nook" mixture is a combination dwarf-growing evergreen varieti which, in their natural state, are to found growing in woods and shad places, and will form a fine green swar Ground that has been densely shade by trees often becomes "sour," and not properly drained is apt to be covere with a coating of moss. In such cases light application of land plaster or woo ashes is most excellent, but the mos should be first removed by the use of sharp rake. This should be done in th autumn and seeded with "Shady Nook mixture the following spring. Per lb, 35c.; post-paid, 40c.

FANCY WHITE DUTCH CLOVER

Most valuable for lawns sown wit Grass Seed. Per lb., 30c.; by mail (post paid), 35c.

The "Utica" High Pressure Sprayer

THE BEST IN THE WORLD



Rapid work in potato field

Four gallons Solution carried easily with shoulder strap, leaving hands free to direct the spray.

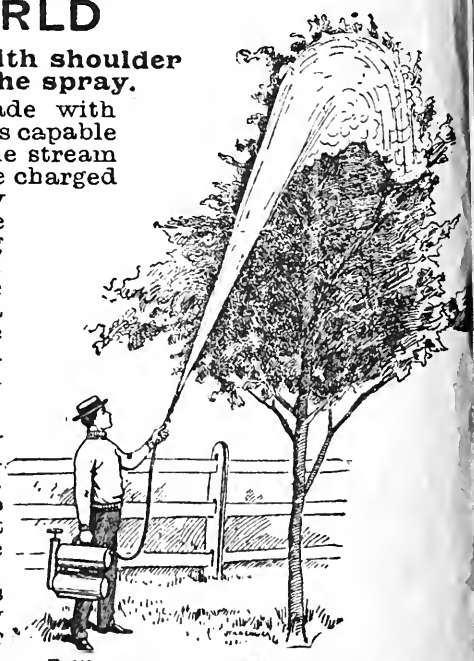
The Utica High Pressure Sprayer is made with double cylinders of tinned sheet steel, hence is capable of a very high pressure. It will throw a fine stream over and into the average fruit tree, and once charged works continuously. Its shape makes it handy and convenient to carry. It is light, while strong, weighing but seven pounds. By using an extra hose the large body of fine spray can be carried with full force into the top of the highest tree by the use of a long stick, a double prong at the end, to raise the nozzle where wanted. Extra hose can be furnished. It positively cannot explode; is perfect in mechanical appointments, and wondrously perfect in execution.

Adapted to the Following Uses:

1. It is best for rapid work and labor saving.
2. For killing potato bugs and insects of every nature.
3. For spraying fruit trees.
4. For spraying field crops of all kinds.
5. For keeping flies from live stock during the summer by spraying with Cattle Fly Killer Oil.
6. For white-washing the walls of poultry-houses and cow stables.
7. For spraying tobacco and hops in field.
8. For sprinkling floors evenly with oil or water.
9. For disinfecting purposes.
10. For greenhouse and nursery work.

DIRECTIONS—Fill one cylinder full of what is required. Close faucet and filler hole tight. Work the pump a quarter to half minute then turn the faucet and direct the spray where wanted.

This gives you 15 minutes continuous work with a very fine or coarse spray, narrow or wide spread, as you wish; all controlled by turning the faucet.



Falling over top of large tree in spray

Rinse out your sprayer after using. Oil leather valve occasionally. Rinse out pump with kerosene to clean it. To drive out all water, take off hose and close front part with your finger; pump in a good pressure, then remove finger and all substance will blow out.

RETAIL PRICE OF "UTICA" HIGH PRESSURE SPRAYER, $5.50 EACH, F.O.B. TORONTO.

ORDER FOR SEEDS, ETC.

THE STEELE, BRIGGS SEED CO.

(LIMITED.)

TORONTO, ONT.

Please forward the following Order, for amount enclosed, to

(Be sure and fill out these Blanks.) Selected from Catalogue for (Give year.)

Your Name.....

Post Office..... *Province*.....

Express Office.....

Nearest Railway Station.....

On the..... *Railway*

AMOUNT ENCLOSED

P. O. Order, $.....

Draft - $.....

Stamps - $.....

Cash - $.....

Amount, $.....

Date .....

RESERVED SPACE

Please do not write here.

Reg. No......

Date Rec'd.....

Am't Rec'd.....

No. of Pkgs.....

Forw'd by.....

Date sent.....

Cost of Carriage.....

Put up by.....

Advised by.....

MARK X OPPOSITE YOUR OCCUPATION

AMATEUR.....

GARDENER.....

FARMER.....

FLORIST.....

Every order must be accompanied with remittance, either by Registered Letter, Draft, or Post Office Money Order, and for full amount covering the order, otherwise the value of remittance only will be sent, by reducing quantity ordered.

We positively give no credit, nor send any goods C.O.D.

The S. B. Co. "give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter of any seed they supply, and will not be in any way responsible for the crop."

All seeds ordered and purchased from them are supplied only on these conditions.

NOTE.—Safe arrival of all packages forwarded by mail guaranteed. See page 1 of Catalogue for information to purchasers.

FLOWER SEEDS.

When ordering Flower Seeds you need only give the number of packets wanted and the number in Catalogue corresponding to the variety and price per packet, which will save the writing of long and difficult names.

No. of Packets.	Catalogue Numbers.	Price.	Amount. $	Amount. c.	No. of Packets.	Catalogue Numbers.	Price.	Amount. $	Amount. c.
						Brought forward...			

Amount forward...

Amount Forward...

VEGETABLE SEEDS AND SUNDRIES.

Prices in Catalogue include postage, except where noted. Perishable goods will be sent soon as danger from frost is past. Write names plainly. Please order Roses, Plants, Vines, etc., before 1st of May, on special order sheet herein; they cannot usually be sent safely after that time.

Quantity.	Name of Variety Wanted.	Price.	Amount. $	Amount. c.
	Brought forward...			

Amount forward...

NOTE.—Please use Salmon Colored Order Sheet for Plants, Roses, Vines, Shrubs and Bulbs.

ADD 4c. PER POUND, FOR POSTAGE ON PEAS, BEANS AND CORN.

VEGETABLE AND FIELD SEEDS, SEED GRAINS, ETC.

Please note that we pay postage at packet, ounce and pound prices on all Vegetable and Flower Seeds, except Beans, Corn and Peas at pound prices. Any orders for such, or for Field Root Seeds, and Farm Seeds, must have four cents per pound remitted for payment of postage.
All Seed Grains, Clover, Timothy, and any Seeds sold at bushel, peck or hundred pound rates, are only delivered at Railway, Boat or Express Office at Toronto, the purchaser must pay carriage on arrival of goods.

PLEASE SEPARATE THE ORDER SHEET WHERE PERFORATED

Bushels.	Lbs.	Oz.	Pkts	Name of Variety.	Price.	Amount. $	c.
				Amount brought forward			
				Amount of order.	$		

FOR REMARKS.

Do not mix up the order with questions requiring answers, as it often causes trouble and sometimes mistakes or omissions. Please write in this space any remarks.
SPECIAL NOTICE.—We shall appreciate it as a special favor if our friends and customers will write in the blank below the names of some of their acquaintances who will be in need of Seeds.

"Canada's Greatest Seed House"

Hearty Greeting and Good Wishes are hereby extended

To Our Friends and Customers

Throughout this vast Dominion for a happy and prosperous New Year.

We take pleasure in submitting our 1901 Catalogue, thanking you for your kind orders in the past, and soliciting a continuance of the same. With the return of prosperity throughout the country, we expect and have prepared for a great increase of business during the coming year. We feel that the steady growth of our establishment year after year, fully warrants us in believing that this year with its renewed prosperity will be better than any that has preceded it.

Our business is the largest of the kind in the Dominion, and is one of the largest and best equipped in America. It is our earnest desire to supply the best Seeds that grow, and we have found that seed buyers stand by a firm that take "QUALITY FIRST" as their motto, and act accordingly.

WHAT A LEADING DAILY SAYS OF US.

Extract from Toronto *Globe*, December 8th, 1900

One of the many remarkable steps in advance taken by the Steele-Briggs Company during its almost half century of existence has just been completed, and the steady growth and expansion of the company's business has been this time marked by the reconstruction of its immense warehouse at the corner of Front and Jarvis streets. The new premises in that locality, which is only one of its three branches in this city, has been so increased that it is now one of the largest seed warehouses on the continent. There are few lines of trade more susceptible to failure than the seed business. Only those who are engaged in agricultural or horticultural pursuits understand the risks encountered in handling seeds, and the danger of failure even with seeds most carefully produced. The deterioration of a crop almost invariably brings censure upon the firm who sold the seed, and a reputation for reliability in this line of business is something to be achieved only after years of trial. The Steele-Briggs Company has seen its business grow from year to year simply because the most extraordinary care was taken in the production and distribution of its seeds, and because its ambition has always been to secure and retain the confidence of the agriculturalists of not only this country, but in every land which its trade has touched. The great warehouse in which the large part of the business of the Steele-Briggs Company is now carried on is a five-story building, having a frontage of 66 feet on Front street and 120 feet on Jarvis street, making a floor area of nearly 40,000 square feet. The building is lighted throughout with electricity, and a trip through its various departments is a very interesting experience. There are innumerable branches in the Steele-Briggs Company's business, and few people will know how interesting it all is until they visit the warehouse.

PLEASE READ SUGGESTIONS TO BUYERS

When to Order.—The planting season is short; the rush for seeds in the spring is very great; the mails are heavily taxed to carry the enormous quantities annually supplied by post. It is an advantage to place orders early, saves possible errors in the hurry and ensures readiness in having the seeds when the weather becomes suitable for planting. Often a few days delay in planting the garden in the spring through oversight in ordering early, causes disappointment; this may be avoided by ordering early. "Prompt action is the leading road to success."

Cash With Order.—The multitude of orders daily received during the rush of business from January till June makes it necessary that each order be accompanied with the cash. We send no goods C.O.D. (collect on delivery) nor do we give credit. We are an established business house, and guarantee safe arrival. Your money is safe to send with the order.

How to Send Money.—We assume the risk when sent by postal note or express order, which are the safest and cheapest ways, or for amounts of five dollars and less, by registered letter. Amounts under one dollar can be sent in postage stamps. Letters containing money, when sent without being registered, are at the risk of the sender. Use our addressed envelope, otherwise address THE STEELE, BRIGGS SEED CO., Toronto, Ont.

Low Express Rates.—We have arranged for a special rate for carriage with the express companies of **Twenty per cent.** less than their regular merchandise tariff, on seeds and plants when packed and sent in closed cases or baskets—to all points, but no less charge than **Twenty-five cents on the parcel.** This exceedingly favorable rate will enable customers to have their seeds and plants, such as are only sent at purchaser's expense for carriage, go by express, and while the cost may be a little greater than the ordinary freight rate, it will be much quicker and safer. When ordering please state if we shall ship by express or freight.

WE PAY THE POSTAGE

To any POST OFFICE in the Dominion

On all VEGETABLE SEEDS

by the packet, ounce, and ¼ lb. at Catalogue prices.
Also, on **Flower Seeds, Bulbs, Roses, Vines and Plants,** except where noted.
Add 4c. per lb. or pint on **Beans, Corn and Peas,** if wanted by mail.

Sending Plants.—All orders for plants and bulbs which are liable to damage from frost will be held until about the end of April or first of May, when we begin shipping, and continue as fast as the weather will permit until all are sent out. Hardy plants and vines which remain in the ground over winter, will be forwarded as soon as they can be lifted in the spring. Should the seeds be sent and not the plants and bulbs, do not be impatient, as they are held for your protection against loss, and will be forwarded when the weather will permit of our assuming the risk. Should it happen, towards the end of the season, that any particular named plant or bulb is sold out, and unable to supply, we will send another of similar or better description, unless instructed to the contrary; and should we not have something equal or better, the money sent will be refunded. As our supply is considered ample for any demand, we do not anticipate such to happen; but should we send some other varieties our customers will understand the cause. Correct names are always attached.

Correspondence.—We are always glad to hear from our customers, answer enquiries and aid them in any way we can.

We Guarantee Safe Arrival of all Seeds, Bulbs and Plants, in good condition when sent by mail. If a package fails to reach a customer, we will send again as soon as informed of the fact; or if any part is injured or lost we will replace it. We do not consider ourselves held by this guarantee unless complaints are made within ten days after receipt. Sometimes it happens that orders never reach us, and many orders, with cash, reach us without a post office address, and often without the name of the sender. When customers do not receive their Seeds, Bulbs, or Plants within a reasonable time after ordering, they should inform us, and at the same time send a copy of their order, stating the amount of money and in what manner sent.

Correction of Errors.—We take the utmost care in filling orders, always striving to please our customers. Keep a copy of the order, and "check off" the items when received, that you may know everything has been sent you. We seldom make errors, but when they happen we wish to be notified immediately, that corrections may be made. In case an error is made, we desire to be informed of the fact, and promise to make such corrections as will be perfectly satisfactory.

Conditions of Sale. — We trust that our customers will fully realize that it is to **our interest to send them none but the very best quality of Seeds;** but while we exercise the utmost care to have everything pure and reliable we give no warranty, expressed or implied, as to description, growth, purity, productiveness or any other matter connected with any seeds, bulbs, plants, shrubs, etc., we send out, and will not in any way be responsible for the crop. All seeds or other goods ordered from us, or which we send out, are supplied only on these conditions. **Vegetable Seeds** by the peck or bushel. **Farm Seeds, Tools, Etc.** are F.O.B. Toronto, purchaser to pay transportation charges.

Testing Seeds.—A sample of every lot of seeds, whether grown by ourselves or grown upon contract for us, is thoroughly tested in our greenhouses, and only those of satisfactory germinating power are sold, and not only are our growing crops carefully rogued while growing, but their product and new varieties from all parts of the world are annually tested by careful field trials upon our own grounds, that we may be sure the varieties we offer are the best grown, which is protection to our customers.

Seeds Not Priced, such as Clover, Timothy, etc., are subject to market changes in prices, and upon which we cannot give standing prices. We shall be pleased to quote prices on any such Seeds, when desired. Letter or telegraph quotations are always for immediate acceptance, otherwise subject to market fluctuations.

Every Farmer in Canada should have **Our Special Fall Wheat Circular.** Write for one. They will be issued in August.

Wholesale Catalogues sent to dealers on application.

Bulb Catalogues.—In September we publish a Catalogue containing a list of Bulbs for autumn planting, and for Winter flowering in the house, which will be forwarded to those of our customers who purchased Bulbs or Seeds the past year.

OUR WHOLESALE WAREHOUSES AND OFFICES at corner of Front and Jarvis Streets, and Warehouse at 1514 Queen Street East, contain nearly 5 acres of floor space, and are fitted up with the latest and most improved seed cleaning mills, printing presses and all necessary appliances for economical working of our vast business.

OUR RETAIL ESTABLISHMENT, at Nos. 130 and 132 King St. East (opposite St. Lawrence Market), is the best equipped in the Dominion, and one that we feel justified in saying is in keeping with the times, and a credit to the "Queen City."

GREENHOUSES AND TRIAL GROUNDS.—During the past season many visited our Greenhouses and Trial Grounds, and we were much gratified with the satisfacation expressed at the completeness and fine appearance of our greenhouses, grounds and trials. We again extend a cordial invitation to all to call and see for themselves the great care we take to maintain the highest possible standard of quality. Our Greenhouses and grounds are situated at 1514 Queen St. East. King street cars stop at the entrance; only a fifteen minute ride from the St. Lawrence Market. We test and grow both old and new varieties and keep a careful record of their growth. In our Catalogue we offer those varieties which we have found to be the best adapted for our Canadian climate, and we believe that our list contains an assortment that will fully meet the requirements of the many portions of the country.

R. C. STEELE, PRES.
S. E. BRIGGS, VICE-PRES.
C. H. HOGG, SEC'Y-TREAS.

THE STEELE, BRIGGS SEED CO., LIMITED,
TORONTO, ONT.

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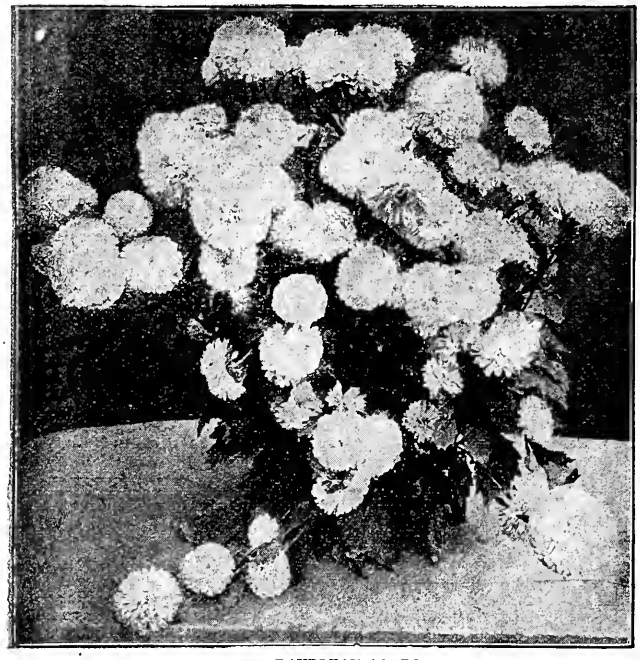
NOVELTIES AND SPECIALTIES FOR 1901



NEW DAYBREAK ASTER

ASTER--Daybreak

601 This beautiful Aster which was introduced to the public three years ago, has proved itself worthy of the very wide and flattering reception it has met with everywhere. It is one of those rare gems that has come to stay; no private garden is complete without it, and for florists' use it is simply unsurpassed. The flowers are round as a ball, very large and full, on long stems; the color a charming sea shell pink; the plant flowers very early and is a continuous free bloomer, a compact strong grower, and in all respects a desirable acquisition. Per packet, 10c.; three for 25c.

Giant Comet Aster, "The Bride"

602 For elegance of form and delicate coloring, "The Bride" has no equal among Asters. The flowers at first pure white, change to a lovely pink and finally to a beautiful rose tint; a most charming variety for cut flowers. For florists and cut flower growers it is indispensable, throwlng as it does an immense crop of splendidly shaped flowers. Price, per pkt., 10c.

New "Rose Crown" Comet Aster

ROSE PINK WITH WHITE CENTRE

603 This striking novelty is of more than usual merit; the flowers are of the true Giant Comet type, 4 to 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, flowers resembling some of the finer Japanese Chrysanthemums. The centre crown of the flower is pure white, surrounded by outer rows of petals of a charming rose pink color, a unique and beautiful combination. The plants are of vigorous, healthy growth, about 15 inches high, each plant bearing from 20 to 30 of those magnificent flowers on long, stiff stems, which gives them an added value as a cut flower for vases, florists' uses, etc. If the plants can be grown where slightly shaded from the hottest sun, the coloring will be more vivid and the flowers will last longer. A diploma of honor was awarded this Aster by the French Society of Botany and Horticulture. (*See cut*). Per pkt., 15c.

New Aster "Sinensis"

THE TRUE ORIGINAL TYPE FROM CHINA

604 We especially recommend this variety, and when it once becomes known have no doubt but that it will be very largely grown for cut flowers. The plants form elegant branching bushes about 15 inches high, well furnished with rich dark green foliage, and producing abundance of large, handsome flowers, 3 to 4 inches across, having a single row of delicate pale mauve ray florets, broad and symmetrical, and golden centre disc. It is indeed a plant of great beauty, quite distinct from any of the single Asters now in commerce, which in comparison with it are coarse and weedy. As a first-class border plant we can strongly recommend it, and as a cut flower it will soon find its way to the market. Price, per pkt., 10c.

COMET "ROSE CROWN

NEW CRESTED BEGONIA

New "Phoenix" Aster "Little Maid"

605 Under the name of Phœnix Aster, comes a new variety that resembles the Victoria Aster in growth and habit, but the flowers do not resemble that variety, as shown in accompanying illustration. They are borne upright on long stiff stems in abundance and never show any inclination to be yellow in the centre. In color it is white with a charming shade of pale pink. It is one of the very best varieties for florists' use. Splendid for bouquets and designs, and when onoe grown is bound to become a favorite with both florists and amateur growers. Price, per pkt., 25c.

NEW CRESTED BEGONIA

606 A most novel and interesting variety, having a raised crest in the centre of each petal, which is correctly shown in the illustration. In habit and growth it is similar to other tuberous-rooted varieties. The flowers are large and of red, pink, yellow and terra cotta shades. Price, per pkt., 25c.

ASTER "LITTLE MAID"

We have Numerous Testimonials as to the Excellence of Our Best Mixture Sweet Peas, which are really Unsurpassed.

NEW "CHRISTMAS TREE" ASTER

. . NEW . . "CHRISTMAS TREE" ASTER.

607 By far the most free flowering class of Asters yet introduced, and quite different in habit from all the other varieties of Asters. The plant grows about 15 inches in height, branching out freely and regularly, not upright like other Asters, but horizontal; the lower branches are the longest and measure from tip to tip 20 to 24 inches; its form of growth resembles a Christmas Tree, which suggested its name. The flowers are of medium size, 1½ to 2 inches in diameter, perfectly double, and finely imbricated. As many as 80 and 100, even more, flowers have been counted on a single plant. It is highly recommended as the very best to grow for cut bloom. In mixed colors containing white, rose, light blue and white, rose and white, light blue and carmine. Price, per pkt., 15c.

CARNATION "GIANT NICE"

Helianthus Cucumerifolius Grandiflorus

FLORE PLENO

608 This new variety of the popular single-flowering Helianthus Cucumerifolius—the Miniature Sunflower—with semi-double and double flowers measuring three inches across, are of golden yellow color, flat, vaulted and bordered, with partly ruffled and partly smooth petals. They come over 60 per cent. true from seed, and yield excellent material for cutting. Price per pkt., 15c.

Carnation "Giant Nice"

609 A grand selection of varieties bearing enormous flowers of the richest and most varied tints, extraordinary results have been obtained as to size and thickness of flowers. This race is above all excellent for the cut flowers, because of its long stalks and its floriferous qualities; another grand advantage is that it comes into flower six months after sowing, thus presenting the characteristics which ensured the success of the Carnation Margarita. It, however, has considerable superiority over this latter, because of the increased beauty and the larger size of its flowers. We do not hesitate to recommend it very highly. Pkt., 25c.

CENTAUREA "AMERICANA"

NEW GIANT WHITE CENTUREA

CENTAUREA AMERICANA ALBA

610 This native annual flower is also known as the Star Thistle. It is showy when in bloom and a free and hardy plant. Although an annual it grows to a large size in the one season, and the immense heads of double, fluffy blooms are quite as showy in flower borders as pæonies or hollyhocks. The color is almost pure white. The stems shoot up from one to three feet, sturdy and strong, branching near the ends and every branch bearing a bloom. It is an excellent plant for cut flowers, the flower lasting several days when cut and the stalks being long and wiry. Price, per pkt., 10c.

NICOTIANA SYLVESTRIS

Nicotiana Sylvestris

A New Ornamental Tobacco Plant

611 This is one of the handsomest of ornamental plants. It grows from four to six feet high, is of a beautiful pyramidal form. The foliage is large and handsome. The flowers are pure white, star-shaped and have tubes about six inches long; they are produced with the greatest freedom and are sweet-scented. They are handsome ornaments in any garden, either as lawn plants, used in shrubbery border or as a hedge, for they make a splendid background for dwarf, bright-colored plants. Pkt. 10c.

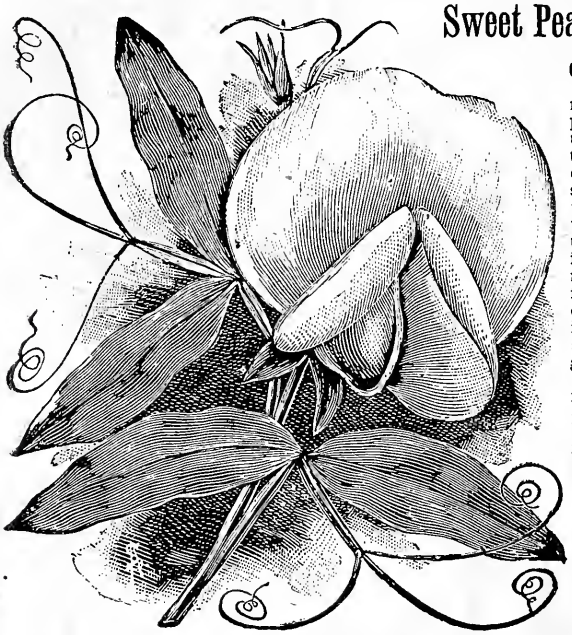
HELIANTHUS CUCUMERIFOLIUS FL. PL.

PANSY, NEW GIANT "MADAME PERRET"

612 This novelty is distinguished from other Pansies by the plant being full and spreading, with very broad and extremely dark green leaves. The straight and stiff stems it possesses cause the flowers to stand out well from the foliage. The color of the blossom ranges through all shades of red, from pink to a fine deep purple, with an intermediate bright red edged with white. The face of the flower in some cases is regular in color, while in others it is lined and striped. The extraordinary size of the flowers, which reach as much as 3 to 3½ inches in diameter, make it a novelty of the first rank, and one that is sure to be sought after by lovers of Pansies. Pkt., 25c.

PANSY "MADAME PERRET"

Sweet Pea "Mont Blanc"



SWEET PEA, "MONT BLANC"

613 Mr. Benary says: "It gives me exceptional pleasure to be able this season to introduce to the gardening world a splendid new pure white Sweet Pea, which, by the extreme precocity of its bloom, may be regarded as the forerunner of an extra early flowering race, and will be sure to attain a great popularity."

Mont Blanc has not the rank habit of other varieties, but is of a much neater and more graceful growth, the plant hardly attaining the height of the average sweet pea. The individual flower is very large, and of the purest white. In shape it resembles Emily Henderson, but the standard is somewhat wider, well clear of the foliage, so that scarcely a single flower is hidden. Its great value lies in its extreme earliness. Our trials have proved that it beats all other varieties sown at the same time by 14 to 18 days.

Sweet Pea, "SADIE BURPEE"

614 This variety is sure to become immensely popular, as Sweet Pea growers have waited expectantly for years for a really first-class giant-flowered, black seeded, White Sweet Pea, and the peculiarity of "Sadie Burpee" appearing in both black and white seed renders it additionally interesting. The plant is a strong grower, a very free flowerer, and the color pure white. Per pkt., 5c.; oz., 20c.; ¼ lb., 35c.

New Sweet Pea, "Navy Blue"

615 An entirely distinct color from any variety in existence. The color is true blue. A vigorous grower, flowers of good form, fair size and substance. The only really blue pea yet introduced. Per pkt., 5c., oz., 20c.; ¼ lb., 35c.

"Lady Grisel Hamilton"

616 Most attractive light lavender standard, with azure-blue wings. The flowers are hooded, but not curled, and extra large; borne three on a stem. Even larger and, in some respects superior to the famous "Countess." The wings are of a lighter shade which gives it even a daintier character. Per pkt., 5c.; oz., 20c.; ¼ lb., 35c.

NEWEST CANNAS

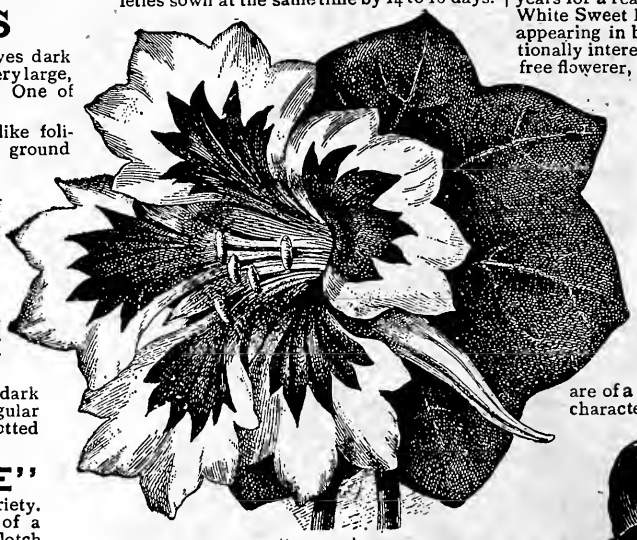
Australia. Grows to a height of about 4 ft., leaves dark green with a brown border, flowers very large, salmon red striped with a dark sulphur yellow. One of the best in cultivation. Each, 50c.

Britannia. Height, 3½ ft., with splendid Musa-like foliage, and very large flowers, yellow ground flamed with carmine. Larger than Italia. Ea., 50c.

Professor Treub. Height, about 4 ft., with broad lanceolated leaves of a brownish red with a dark green hue. Flowers large, minimum scarlet striped with salmon red. Among the red leaved Cannas this is one of the most striking and beautiful. Each, 50c.

Bavaria. Height, about 3 ft. Leaves, large, green with a bluish hue. Very large spikes and flowers of a brilliant golden yellow covered all over with scarlet spots. Quite unique and extremely handsome. Each, 50c.

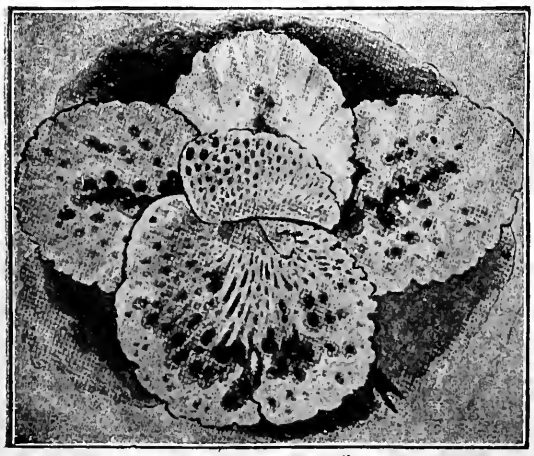
Asia. Height, about 3 ft. Numerous stalks, dark green foliage, very effective. Very large regular flowers of a rich golden yellow. Inner petals dotted scarlet. Splendid. Each, 50c.



TROPÆOLUM "PHŒBE"

TROPÆOLUM "PHŒBE"

A most attractive and deliciously-scented variety, producing flowers throughout the Winter season, of a deep golden yellow, with a rich crimson-feathered blotch in each segment, outer edges notched or scalloped, the whole forming into an exquisitely-shaped blossom. A free vigorous grower. When in the height of its perfection, strings of growth 8 to 10 feet long, resplendent with its particolored flowers, can be cut for decoration. Each, 15c.



CANNA, "BAVARIA"

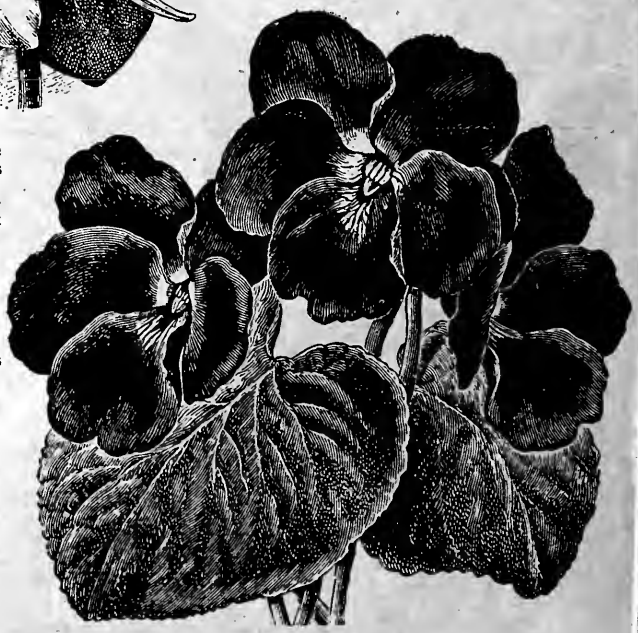
Grand New Violet

"LA FRANCE"

Of the many new Violets introduced in the past few years, this the latest introduction of a foremost French specialist, is unquestionably the **best.** Stems 10 to 12 in. long. The grand single flowers are of a rich violet purple, lighter center. Almost as large as pansies and deliciously fragrant. Each, 15c.; 2 for 25c.

Violet, Princess of Wales

Another grand variety, not quite as large as *Luxonne* and a shade lighter in color; intensely fragrant. Ea., 15c.



VIOLET, "LA FRANCE"

SILVER-SWEET VINE

(Actinidia polygama) TRUE

A new, hardy climber of remarkable beauty from Japan. The foliage on the ends of the flowering shoots is of a silvery white color, giving the whole vine from a little distance the appearance of being covered with large white flowers blooming among its bright green leaves. The effect is very marked and beautiful. The flowers, which appear in this latitude about the end of June, lasting from two to three weeks, are creamy white in color, with numerous stamens with bright yellow anthers, and resemble the lily-of-the-valley in fragrance. Strong 2-year-old plants, each **50c.** post-paid.

NEW BUDDLEIA VARIABILIS

(Pride of China)

A grand new shrub sent to Paris from China by the Abbe Soulie and exhibited at the National Horticultural Society, where it was greatly admired. It has been colored plated in all the prominent Horticultural journals, and spoken of as a valuable acquisition. It is a hardy shrub, growing 4 to 5 feet high, its gracefully arching branches covered with a woolly bloom. Leaves bright green above, velvety white below, producing a highly contrasting effect. The very numerous branches are terminated by long racemes of rosy lilac flowers, with an orange spot in the centre. Exquisite rose or violet shades have been produced on seedlings. Perfectly hardy, and well worthy of a place in every garden. Price, pot plants, **25c.**

DUKE ZEPPELIN BEGONIA

New Tuberous-Rooted Begonia, "Duke Zeppelin"

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double-dazzling scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. A bed containing about 500 plants of this variety, for gorgeous effect, eclipsed anything we ever saw. Bulbs, each, **30c.**

Sweet Malabar Vine

This is a gem of many colors, exceedingly rare and beautiful, which should not be mistaken for the common vinca. The leaves are thick and fleshy, creamy white, edged with pink and blotched with gray and emerald green. Its tiny flowers of yellow and red are very graceful. With age it assumes a drooping habit. When cut keeps fresh for weeks; of easiest growth. **20** cents.

SWEET MALABAR VINE

THE VARIEGATED-LEAVED PASSION VINE

Flowers nearly white; large, handsome. Leaves lively green, mottled and blotched with bright golden yellow. A splendid plant for house cultivation. Price each, **20c.**

VARIEGATED PASSION VINE

Artillery Plant

A very neat and pretty plant resembling some of the ferns in general appearance. Its graceful habit makes it very desirable for baskets and vases. Quite interesting and of easy culture. On the fronds of the plant are numerous little red flower balls, which if sprinkled with water before bursting, emit a smoke, hence its name. Each, **15c.**

GRAND NEW GERANIUM

RENOMME LYONNAISE

This splendid single Geranium is one of the very best varieties we ever sent out. The flower is glowing rosy scarlet, with white eye and large white blotches on the upper petals; the flower is quite circular and dazzling beyond description. Price, each, **20c.**

BUDDLEIA VARIABILIS

JAPANESE KUDZU VINE

New Japanese Kudzu Vine

If you wish a vine that will grow anywhere, in the best or poorest soil, then plant the Kudzu Vine. It will flourish where nothing else will grow, and will last for years. The bold large leaves are of the brightest green, and afford a dense shade. The clusters of purple Wistaria-like flowers, 6 to 7 inches long, are very fragrant, and its wonderfully quick growth makes it an invaluable plant for covering arbors, fences, porches, etc Thomas Meehan, Philadelphia, says of it: "There is possibly nothing like it in the whole vegetable kingdom. It is extremely valuable for covering anything in one season, and interesting to the lover of the wonderful. It has grown on our grounds 100 feet in one season.' Price, each, **30c.**

BEGONIA, TRIOMPHE DE LORRAINE

Begonia, Triomphe de Lorraine

Compact dwarf habit, deep green foliage, a very profuse bloomer, flowers quite double; petals nicely imbricated; color of the buds and flower when opening a bright scarlet, the interior of the flower changing to a cherry-carmine when fully developed; the stamens are bright golden yellow, contrasting nicely with the colors of the flowers. This will prove a valuable sort for those who cannot grow Gloire de Lorraine, and it is a grand bedding plant as well. Price, each, **20c.**

Begonia, Gloire de Lorraine

This is undoubtedly the greatest gem in Winter Flowering Begonias yet introduced. It grows from 12 15 inches high, forming naturally graceful bushy specimens, which, from October to April, are completely smothered with soft rosy pink flowers, and a plant that is destined to become very popular. Nice young plants, **30c. each.**

BEGONIA, GLOIRE DE LORRAINE

BEGONIA, ERFORDII

This is the bedding Begonia *par excellence.* It is used in the Chicago parks by the thousands. The leaves are about the same size as those of Vernon. The habit is branching and very vigorous and free. Very dwarf, growing only about 12 in. high. The flowers are soft pleasing pink with yellow centres, and produced in the most wonderful profusion that can be imagined. You should certainly try this sort. **20 cents.**

RUELLIA MAKOYANA
(Carmine Blossoms)

A new Brazilian plant of easiest growth for the house as well as the garden, forming in a short time specimens measuring two to three feet across, with over three hundred flowers open at one time. Leaves velvety, dark olive green, with prominent silvery white midrib and veins; underpart purplish wine color and very ornamental. Flowers large, brilliant carmine, produced even on plants in 2-inch pots, and almost during the entire year. Grows vigorously in shady places and would probably make a fine Easter plant. We positively recommend it as one of our finest introductions of recent years. It was exhibited at the great floral display of Ghent in grand specimens, measuring nine feet around. Will grow far easier than a Geranium, but likes somewhat peaty soil or charcoal drainage. Price, each, 20c.

SIDALCEA LISTERI

NEW SIDALCEA LISTERI
Pink Beauty

One of the finest hardy herbaceous plants introduced to the floral world. Its lovely colored spikes—a delicate satiny pink, borne on long stems and flowering with continuous profusion from early June till November, makes it a most desirable plant for every garden. Invaluable as a cut flower, keeping fresh in water for days, likewise for border decorations, while for exhibition hardly a more fetching spray could be shown. Awarded first-class certificates, Edinburgh, Rothesay, Clydebank; special silver medal, Wolverhampton; certificate of merit, R. H. S., London. Plants, **30** cts.

RUELLIA MAKOYANA

OUR COLLECTION OF DAHLIAS IS UNSURPASSED, SEE PAGE 64.

NEW EVER-BLOOMING TEA ROSE

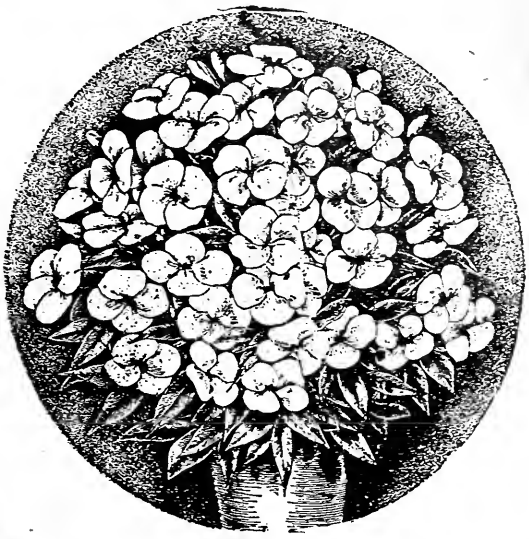
"LIBERTY"

(ILLUSTRATED ON COVER PAGE)

What has been so long desired, viz., an ever-blooming, hardy, Hybrid Tea Rose that possessed a strong and enduring rich crimson color, coupled with vigor of growth, robust constitution and free blooming qualities has at last been obtained in "Liberty." It will be a boon alike to the grower who forces Roses under glass for cut flowers and the one who plants outdoors for summer flowers. The color is magnificent, rich fiery ruby with deep crimson tones in the depths of the flowers. The petals are covered with a rich velvety bloom. The fragrance is delightful, all-pervading and refreshing, the crowning glory which alone would suffice to give it a high place amongst fine Roses.

"AMERICAN GARDENING" SAYS OF "LIBERTY:"

"Never has nature yielded to the painstaking hybridist and plant raiser a more beautiful or more satisfying color than that seen in the new hybrid Tea Rose, "Liberty," which to-day marks the limit of gloriously deep, yet bright coloration in a family by no means deficient in warm, rich hues of crimson red Even as the ruby flashings of generous wine have been an inspiration to verse writers for ages, so are we now fired to enthusiasm when contemplating the rich, liquid-ruby hue of "Liberty." Ea., 50c.; doz., $5.



LINUM TRIGYNUM

LINUM TRIGYNUM

As an early winter flowering plant it is simply indispensable. Its brilliant orange flowers are produced so profusely as to completely cover the plant, making it look like a golden ball. It is of easy cultivation and a most desirable house plant. Each, 15c.

EARLY SPRING CABBAGE

Early as **Wakefield** and **more productive.** A very superior variety of extra early cabbage which may rival the well-known standard sort Wakefield, and supersede it. The heads are very uniform, round in shape, slightly flattened, solid, even before they have attained their mature size. The cabbages have but few outside leaves and these grow so close to the head that they may be planted quite close together. Gardeners and others who grow for early market will find this to be a "ready seller." Round cabbages always receive the preference when offered in competition with pointed heads, and demand a much better price. Pkt., 10c.; oz., 25c.; ¼ lb., 90c.

NEW EARLY SPRING CABBAGE

SPELTZ

Our Collection of Cannas is Superb. See Pages 6 and 63

American Coffee Berry

Coffee (and very good Coffee too) for 1 cent a pound.

While nothing quite takes the place of good old Java or Mocha Coffee, the Coffee Berry, when used alone, makes a healthful, pleasant and economical beverage, with a strong coffee flavor, and quality superior, in our estimation, to many coffee substitutes now on the market. When blended and ground with good coffee, half and half, its presence can scarcely be detected. It is prepared just like coffee. The beans, which are about the size of the real coffee berry, are roasted, ground, and used either alone or mixed with coffee, as may be preferred. The plant, which takes from four to four and one-half months to mature, is about three feet n height. It fruits from the ground up, and on the limbs in every direction. The pods, of which there are from 150 to 250 on a plant, touch each other, so closely together do they grow. The pods contain on an average from two to three beans.

CULTURE. The rows should be planted three feet apart, one berry every ten inches apart in the row. Cultivated like corn or beans, and should be planted about the same time. Price, large pkt., 10c.

SPELTZ

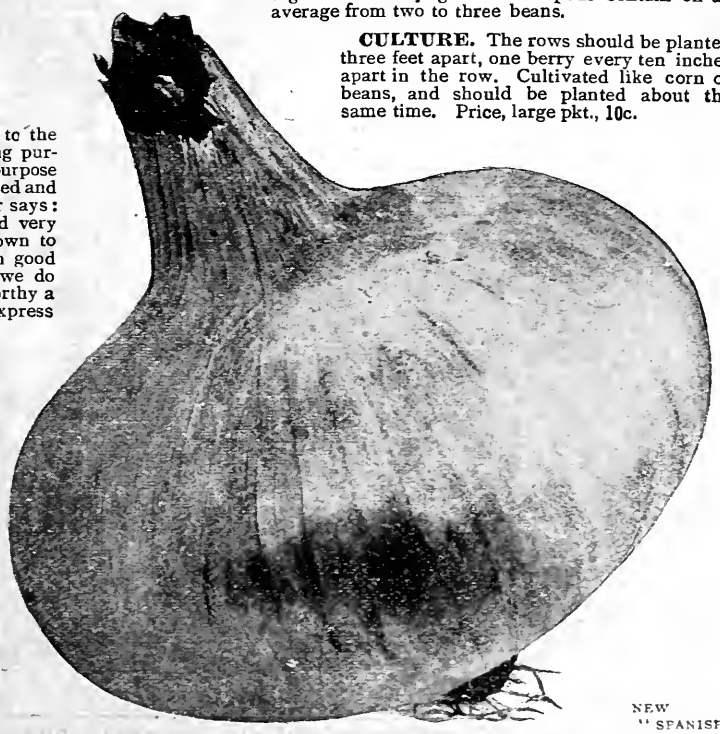
A WONDERFUL GRAIN FROM RUSSIA.

Speltz is splendid for dry and poor soils. The chaff adheres to the grain when threshed, and while it is undoubtedly valuable for milling purposes, its present use will be for feeding hogs and cattle, for which purpose it is very superior. It is also splendid as green pasture, and when dried and used as hay it is relished by cattle equally as well as hay. One Farmer says: "Speltz did wonderfully well with me. It is a splendid stooler, and very robust grower, yielding nearly 60 bushels per acre." It has been grown to some extent in Manitoba and the west, where it seems to have given good satisfaction, and as it is practically as yet in its experimental stages, we do not recommend anyone to sow it in quantity, but think it is well worthy a trial. Price, per pkt., 5c.; 20c. per lb.; 6 lbs. for $1 (post-paid). By express or freight, peck, 60c.; bushel, $2.00.

New "Spanish King" Onion

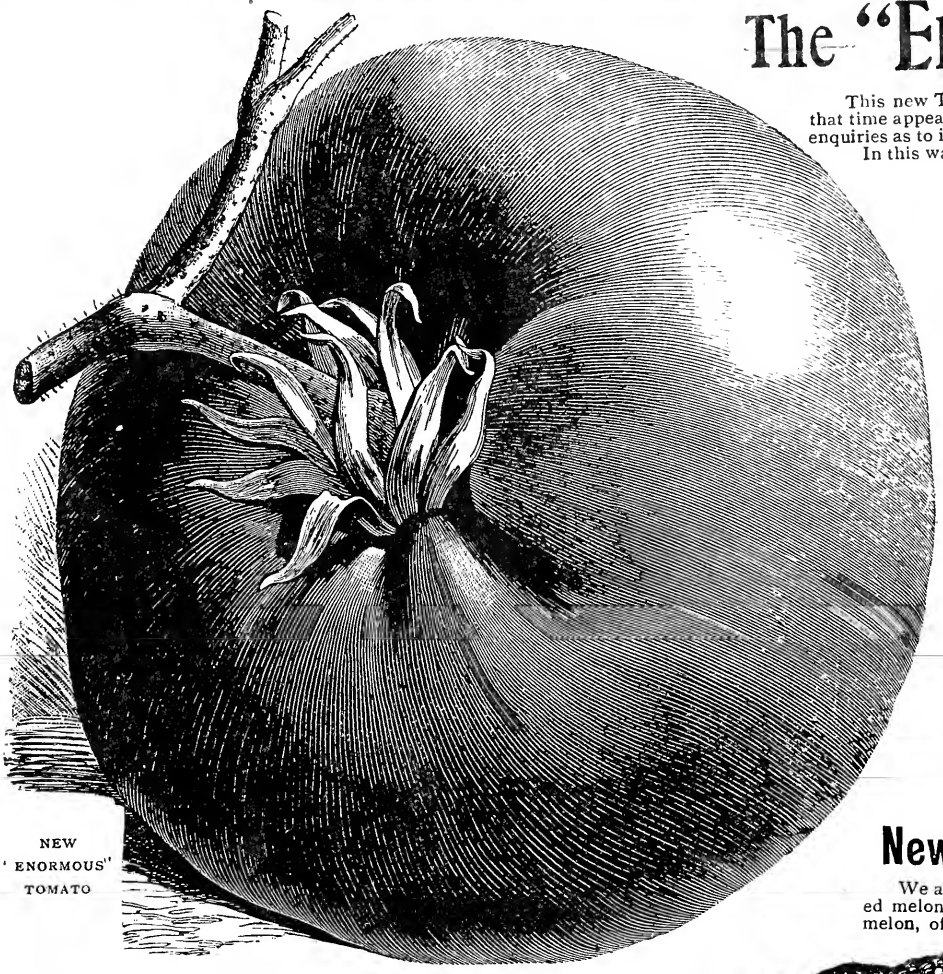
EXCELS IN YIELD, SIZE AND KEEPING QUALITIES

For mildness of flavor and keeping qualities it is unequalled. This exceedingly handsome new variety is a great acquisition to the onion family, and is without doubt one of the finest varieties we ever sent out. It is somewhat similar to the Giant Prizetaker in form, but of a darker yellow color, is harder and keeps better. Medium early in maturing and of a nice mild flavor. Its immense size will recommend it to all, particularly when it is known that its keeping qualities excel some of the other leading sorts. It was exceptionally fine on our Trial Grounds the past season. All who saw it proclaimed it to be the grandest variety they had seen. Price per lb., $3.50; ¼ lb., $1; oz., 30c.; pkt., 10c.



NEW "SPANISH KING."

The "Enormous" Tomato



NEW "ENORMOUS" TOMATO

This new Tomato was introduced last year and claims made for it at that time appeared to us as rather enthusiastic. However we made close enquiries as to its origin and pedigree and decided to plant it for trial. In this way we had the best opportunity to watch its growth and development alongside of other standard sorts and found the "Enormous" to possess qualities of exceptional merit. The fruit grows **very large** and **very smooth** with solid meat and few seeds. It is oval in shape rather than round like "Stone." In proportion to its weight it is not so deep as "Stone" but it is by no means flat. It is very solid for so large a tomato and keeps well on vine after ripening, has rather few seeds, and ripens with the common varieties, and ripens all over and through at one time. The color is a clear, deep red, without purple tint or shading. It is the largest of all Tomatoes, the hardiest, and one of the best keepers and shippers. Its handsome shape, enormous size and beautiful color will sell it readily in any market, while its solidity and excellent quality will insure it a lasting place in every home garden. Oz., **50c**; pkt., **10c.**

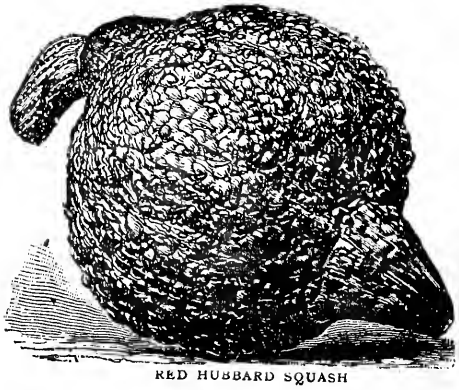
NEW SQUASH

RED, OR GOLDEN HUBBARD.

A sport from that old standard of excellence, the Hubbard; it is a perfect type of its parent, except in color, which is a bright deep orange-yellow; exceedingly showy and attractive. Flesh is deep golden-yellow, much richer color than Hubbard, fine grained, cooks very dry, and of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it excels, the old variety. Its superior keeping qualities, combined with its sweet, rich flavor, attractive color and shape, are bound to make it a popular fall and winter variety. Pkt., **5c.**; oz., **10c.**; ¼ lb., **30c.**; lb., **$1.**

New "Paul Rose" Musk Melon

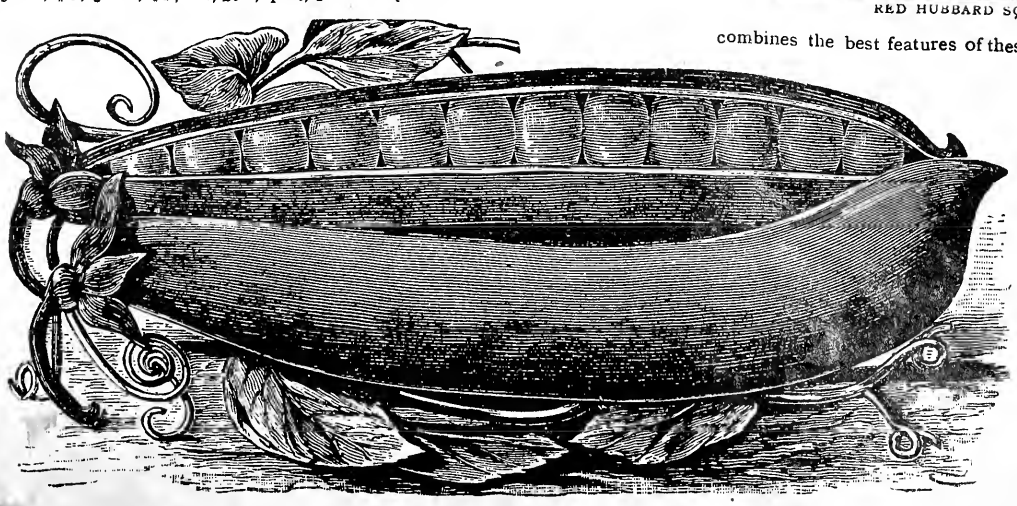
We are much impressed with the value of this new salmon fleshed melon, especially for shipping purposes. It is a rather small melon, of oblong shape, ribbed and netted, and of high table quality. The flesh is firm, deep and spicy. The seed cavity is very small. Its particular sphere is that of a choice shipper to the markets, as it is admirably adapted to resist injury in transportation. The originator, Paul Rose, whose name the melon bears, is an extensive grower and shipper. We offer seed grown directly from his original headquarters stock. Sixteen melons fill a half-bushel basket, and the package is a neat and attractive one, always pleasing the customer. Mr. Rose asserts that this variety will carry farther, stand up longer, and give better satisfaction than any other salmon fleshed melon now on the market. The Paul Rose melon is a cross between Emerald Gem and Osage, and combines the best features of these famous sorts. Packet, **5c.**; oz., **20c.**; ¼ lb., **60c.**



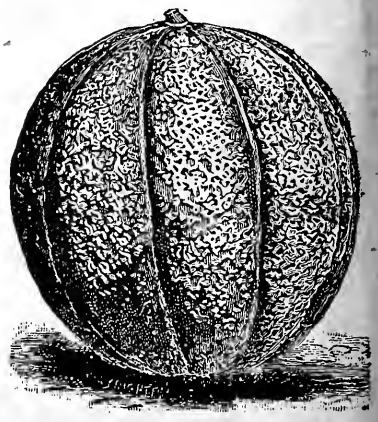
RED HUBBARD SQUASH

New Extra Early Wrinkled Pea, "PROSPERITY OR GRADUS"

The Great Extra Early Wrinkled Pea. This remarkable pea has produced a sensation in the horticultural world and is now recognized as a leader. It is not only large and of the best quality, but it is nearly or quite as early as the small, round, extra early sorts. It is sold under two names, but the two strains are identical. It is hardy and may be planted as soon as the ground is fit to work in the spring, along with the smooth peas. **Gradus** is a wrinkled pea, with vine growing about 30 inches high. It requires no sticks or brush, though sticks may be used if preferred. The pods are of a bright green color, and measure four inches or more in length, being as large as Telephone and equally well filled with luscious peas—8 to 10 or more in a pod. The peas are of first-class table quality and retain their color and attractive appearance after cooking. It is a grand pea in all respects and is now more widely and favorably known than any other new variety on the market. Price, 15 lbs., **$2**; 5 lbs., **$1**; lb., **20c.**; pkt., **5c**



NEW "PROSPERITY OR GRADUS" PEA



"PAUL ROSE" MUSK MELON

Groff's New Hybrid Gladiolus are exceptionally fine, don't forget to include a few when ordering.

GENERAL LIST OF VEGETABLE SEEDS

WE DELIVER FREE

TO ANY POST-OFFICE IN CANADA

All Seeds, Bulbs & Plants

Except where otherwise noted.

GIVEN FREE

Customers may select the following values in extra seeds when ordering Flower and Vegetable Seeds at packet and ounce prices and remitting the following amounts:

PLEASE READ THIS ☛ **It must be understood that these EXTRAS are only allowed on seeds at packet and ounce prices, and not on collections, special offers, bulbs, plants or seeds at 1-4 or pound prices, nor can we send the value of extras in other than seeds at packet and ounce rates.**

CUSTOMERS SENDING		May Select Extra Seeds to the value of		Vegetable and Flower Seeds in Packets or Ounces only.
	$1.00		$0.25	
	2.00		.50	
	3.00		.75	
	4.00		1.00	
	5.00		1.25	

We make it our constant aim to supply seeds of **the highest standard of excellence** a first consideration, and next, to make prices as low as such quality of seeds can be sold. Every variety is tested at our own grounds each year, and by careful comparison with stocks obtained from other sources, we know that better seeds than we sell cannot be procured from any source. By these comparative trials we learn the merits and demerits of every known vegetable, and by leaving from our list varieties of doubtful merit we save our customers disappointment and loss. Our list will be found to contain the most reliable varieties in cultivation, and such as we supply to the most critical market gardener and experienced planter, who must have the best.

SEEDS PREPAID BY MAIL Please bear in mind that prices in the following list include prepayment of postage by us to any post office in Canada for all seeds offered by the ounce, two ounce, quarter pound and pound, unless otherwise noted. We also **guarantee safe arrival** of any seeds, plants, bulbs, etc., when sent by mail; thus you have only to send us Catalogue prices when ordering, except where noted, and be assured that we shall do the rest.

MARKET GARDENERS who require large quantities of seed are invited to write for our Special Gardener's List. This list will only be sent to those who grow for the market, and require to purchase seeds in quantity. In writing please state whether you are a Market Gardener or Florist.

ASPARAGUS

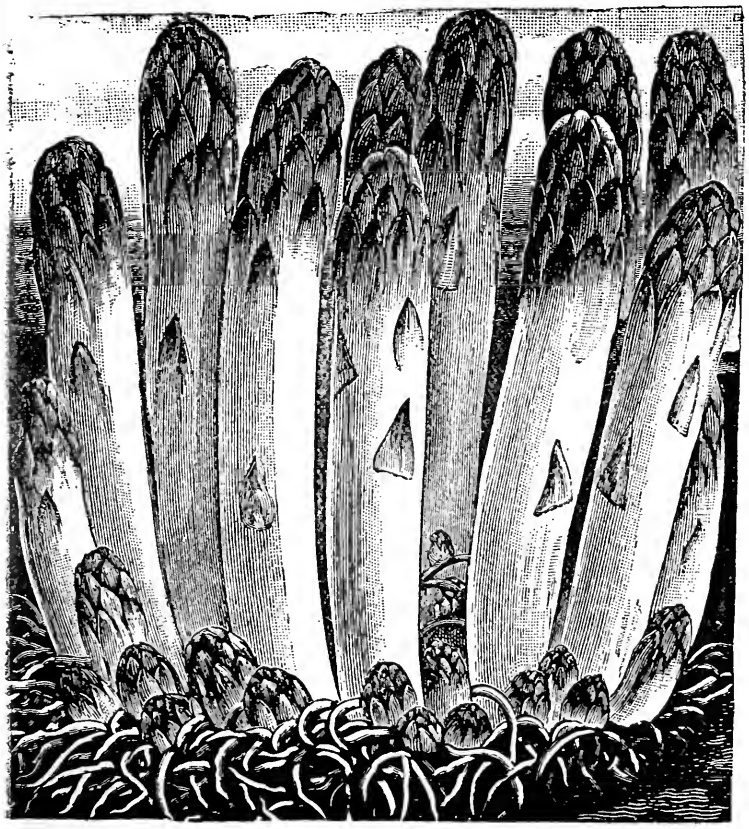
FR., *Asperge;* GER., *Spargel.* **Sow 1 oz. for 60 ft. of drill.**

Sow in March or April, in rows 1 foot apart. When two years old transplant into permanent beds, which should be well and deeply manured, and trenched to the depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart, and 2 feet in the rows, spreading out the roots, and covering from 6 to 8 inches.

Asparagus, Columbian Mammoth White. A choice variety, producing white stalks of large size and finest quality. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—Palmetto. Early, even and regular in its growth. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—Colossal. Standard variety. The shoots are of the largest size, very productive. Per lb., 45c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



COLUMBIAN MAMMOTH WHITE

ASPARAGUS ROOTS (POST-PAID)

Asparagus Roots, Colossal. Fine two-year-old roots at $1.20 per 100. By express at purchaser's expense, 90c. per 100.

—Palmetto. Fine two-year-old roots at $1.30 per 100. Bx express at purchaser's expense, $1 per 100.

—Columbian Mammoth. Fine two-year-old roots at $1.60 per 100. By express at purchaser's expense, $1.25 per 100.

ARTICHOKE (JERUSALEM)

Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only that the rows should be at least 4 ft. apart when grown in strong soils. It is enormously productive, producing 1,500 bushels per acre. It is used mostly in feeding sheep and hogs.

Artichoke, Jerusalem. Strong tubers, 15c. per lb., four lbs., 50c., post-paid; per peck, 50c.; per bush., $1.50, by express at purchaser's expense.

ARTICHOKE (GLOBE)

FR., *Artichaut;* GER., *Artischoke.*

Sow in April in rich soil, and transplant the following spring to permanent beds (in rows or hills), three feet apart and two feet between the plants. They only give a partial crop the first season, but the beds will remain in bearing for years. Protect in winter by a covering of leaves or coarse manure.

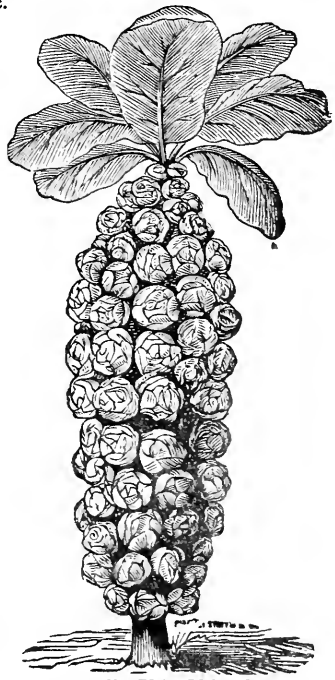
Artichoke, Large Globe. Grown for the unripe flower heads, which are highly esteemed by epicures. Per oz., 40c.; pkt., 5c.

BRUSSELS SPROUTS

FR., *Chou de Bruxelles;* GER., *Kopfkohl Grener.*

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts resembling small cabbages, of excellent mild flavor. By sowing in April or May, and planting out in July, it may be had in fine condition until December.

Brussels Sprouts, Dalkeith. Produces compact sprouts or heads of excellent quality. Per ¼ lb., 60c.; oz., 20c.; pkt., 5c.



BRUSSELS SPROUTS

BROCOLI

FR., *Brocoli;* GER., *Spargel Kohl.*

Sow end of April in the open ground, then transplant about 2 feet apart in deep, rich ground. When they begin to flower, break the large leaves over the heads to protect them from the sun.

Brocoli, Walcheren White. Large, firm, white heads, very hardy, endure cold and withstand heat and drought well. Per ¼ lb., $1.40; 1 oz., 40c.; pkt., 5c.

BORECOLE OR KALE

FR., *Chou Vert;* GER., *Blatter Kohl.*

Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly; transplant in June, and treat in the same manner as for cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Borecole, Green Curled Scotch, Dwarf. Grows to a height of 18 or 20 inches, and with good cultivation spreads to three feet in diameter, leaves bright green and beautifully curled, Per ¼ lb., 40c.; 1 oz., 15c.; pkt., 5c.

BURPEE'S BUSH LIMA BEAN

BEANS DWARF OR BUSH

FR., *Haricot nain* GER., *Busch Bohnen*

One quart will plant 100 feet of drill. One and one-half bushels will plant one acre.

Dwarf Beans, as a rule, are more hardy and earlier than the running sorts. They are usually planted in drills, and stand well without support. The rows should be 2 to 3 feet apart, according to the character of soil, and the covering about 2 inches. Beans will thrive upon light soils, although more profitably grown under cultivation upon stronger land, where the rows should be kept well apart. Being quite tender, they should not be planted till danger from frost is over; and a dry warm soil is needed to ensure germination. The vines should not be disturbed when moist, or the pods will become rusty. A succession of plantings may be made from early in May till the first of July. Lima Beans require to be planted as soon as danger from frost is past in the spring.

If you want Beans by mail add 5c. per pint, 10c. per quart for postage.

GREEN PODDED VARIETIES

Beans, Early China. Very early, and of fine quality; seeds white, spotted purplish red. Peck, $1 60; quart, 25c.; pint, 15c.; pkt., 5c.

—**Early Mohawk.** First early; none better for first planting; productive, very hardy, almost rust proof; can be used when half grown. Peck, $1.50; quart, 25c.; pint, 15c.; pkt., 5c.

—**Extra Early Round Pod Valentine.** At least ten days earlier than the Early Valentine, and usually ready to pick in thirty-five days after planting. Pods, round, thick and fleshy, of finest quality and unequalled in uniformity of ripening. Peck, $1.50; quart, 25c.; pint, 15c.; pkt., 5c.

—**Improved Large Refugee.** Both pods and seeds are larger than the old Refugee variety, and a better yielder. Peck, $1.50; quart, 25c.; pint, 15c.; pkt., 5c.

—**Early Long Six Weeks.** One of the earliest; flat pods; good quality; Peck, $1.50; quart, 25c.; pint, 15c.; pkt., 5c.

—**Royal Dwarf Kidney.** One of the best late kinds for winter use; has no superior. Beans white. Peck, $1.50; quart, 25c.; pint, 15c.; pkt., 5c.

WAX PODDED VARIETIES

Beans, Black Seeded Wax. A popular variety; pods a waxy yellow; solid, tender, almost transparent; stringless; seeds when ripe jet black. Peck, $1.75; quart, 30c.; pint, 18c.; pkt., 5c.

—**Golden Wax.** One of the best dwarf beans known; very early; pods long, brittle, stringless, of a beautiful, rich, golden wax color. Peck, $1.60; quart, 30c.; pint, 15c.; pkt., 5c.

—**Wardwell's Kidney Wax.** Vines large, strong-growing and vigorous, producing a large crop of long, nearly straight, handsome, white, wax-like pods of good quality. They ripen about the same time as the Golden Wax. Market gardeners find this a profitable variety, owing to its large size and handsome color. Peck, $1 80; quart, 30c.; pint, 18c.; pkt., 5c.

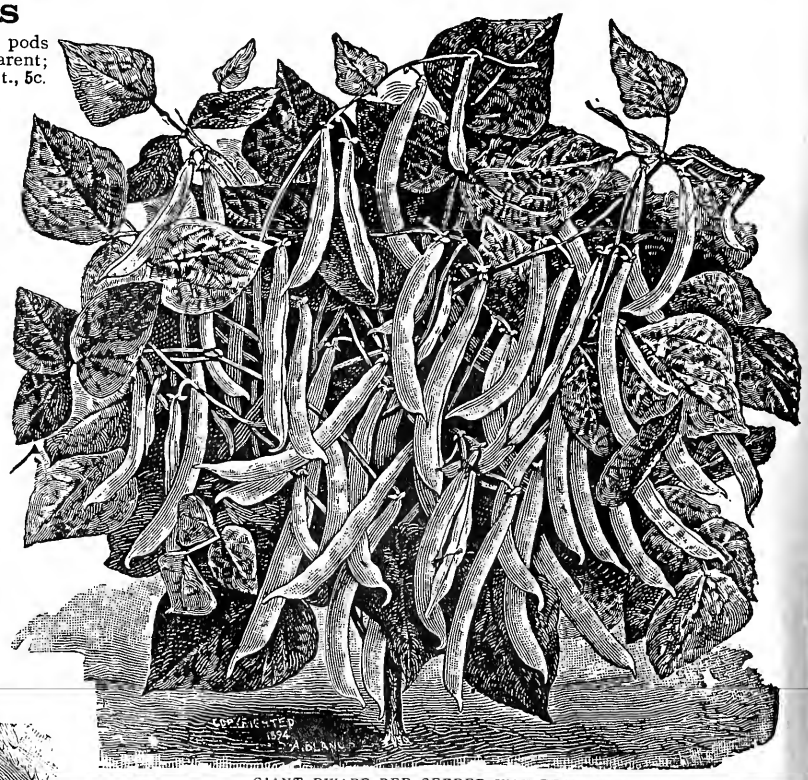
—**Giant Dwarf Red Seeded Wax.** New early, stringless, pods large, beautiful, rich, creamy white color; prolific; a favorite with market gardeners. Peck, $1.80; quart, 30c.; pint, 18c.; pkt., 5c.

—**Scarlet Flageolet Wax.** One of the best either for family or market. It is as early as the Golden Wax; the pods are nearly always free from rust. The pods are very long, broad, flat, yellow, entirely stringless; quality excellent; very productive. Peck, $1.80; quart, 30c.; pint, 18c.; pkt., 5c.

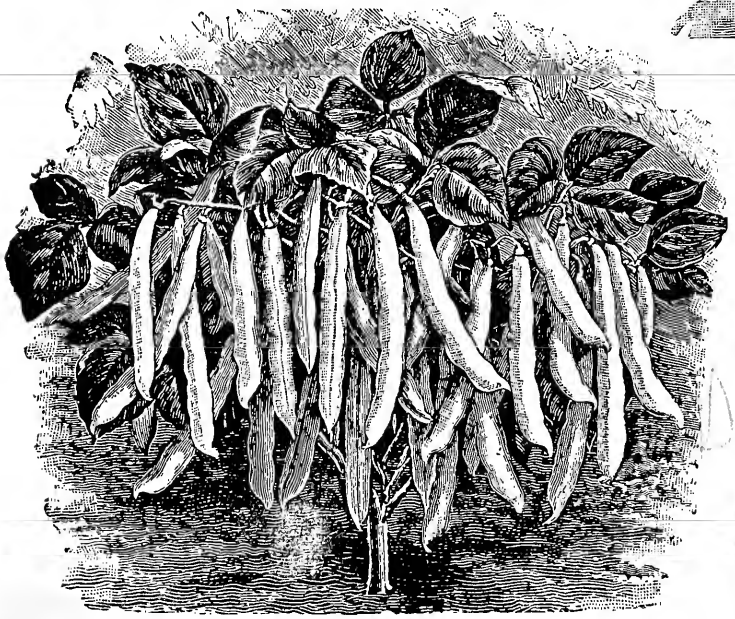
—**Crystal White Seeded Wax.** Excellent snap bean, fine for shelling; seed pure white. Peck, $2.00; quart, 35c.; pint, 20c.; pkt., 5c.

—**Keeney's Rustless Golden Wax.** A strong-growing bush variety, of remarkable vigor and freedom from rust. It sends out short tendrils, on which the pods are formed in addition to those near the central stock of the plant, which accounts for its wonderful productiveness. The pods are meaty and well filled, thick, flat when young and semi-round later; of rich yellow color and fine quality, and entirely stringless, even when large enough to shell. Peck, $1.80; quart, 25c.; pint, 18c.; pkt., 5c.

—**Mammoth Wax.** The monster pods of this variety average ten to fourteen inches in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious; rich golden yellow; a vigorous grower, covering the ground with its heavy foliage. A desirable variety. Quart, 45c.; pint, 25c.; pkt., 5c.



GIANT DWARF RED SEEDED WAX BEAN



GOLDEN WAX BEANS

BURPEE'S BUSH LIMA BEANS

The bushes grow 18 to 20 inches high, of stout growth and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush from 2 to 3 feet in diameter. The thickness of the main stock and branches of the plant as also the unusual size, healthy green color, and thick, leathery substance of the leaves, indicates the strong constitution of this variety, and it is also a sure cropper. It is an immense yielder, each bush bearing many handsome pods, well filled with very large beans, which are identical in size and luscious flavor to the well-known large pole Limas. Price, per pint, 20c.; pkt., 5c.

ENGLISH OR BROAD

Beans, Broad Windsor. This class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant 4 inches apart in row, and 2 inches deep, in drills 4 feet apart. To insure well-filled pods, pinch off the tops as soon as the pods begin to set. Per lb., 20c.; pkt., 5c.

CHICORY FR., *Chicoree*; GER., *Cigorien.*

Sow Chicory seed in spring in drills ½ an inch deep, and in good mellow soil; the after culture is the same as for Carrots. In the autumn the plants will be ready for blanching, when it is used as a salad. The principal use of Chicory, however, is as a substitute for coffee. The roots are cut and dried, and then roasted for adulteration with coffee. An ounce of seed will sow about 100 feet of drill, and from two to three pounds an acre.

Chicory, Large Madgeburg or Coffee. Lb., 60c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Please add 5c. per pint, 10c. per quart, for postage if wanted by mail.

BEANS POLE OR RUNNING

FR., *Haricots a rames.* GER., *Stangenbohne.*

One pound will plant 75 hills. If wanted by mail, add 5c. per pint, 10c. per quart, for postage.

The planting of the various sorts of pole-beans should be delayed a week or more after the first planting of the early dwarf sorts. The Limas being very tender, will do better if not planted in the open ground before June 1st. Plant in hills about 3 ft. apart, and 1 to 2 ins. deep, using 5 to 6 seeds to each hill, and set a pole firmly in the centre. Manure liberally in the hill with well composted fertilizer. Thin the plants, leaving three in each hill.

Beans, Cuban Asparagus (or Yard Long). Pods from 20 to 36 inches long; very tender and delicious as a Snap Bean. Per pint. 50c.; pkt., 5c.

—**Lazy Wife's.** Large, pale green pods; very thick meated; stringless; rich, tender and buttery; ripens early; clings well to the pole. Per pint, 20c.; pkt., 5c.

—**Dutch Case Knife.** Very productive. One of the earliest. Per pint, 18c.; pkt., 5c.

—**Indian Chief, or Tall Black Wax.** Yellow pods, very tender and sweet; thick and fleshy. Per pint, 20c.; pkt., 5c.

—**Kentucky Wonder.** A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures in seventy days from germination, bearing until frost. Per pint, 20c.; pkt., 5c.

—**Large White Lima.** A large, late variety, with long, broad, very thin, dark green pods; although late, it is esteemed as one of the very best. Per pint, 20c.; pkt., 5c.

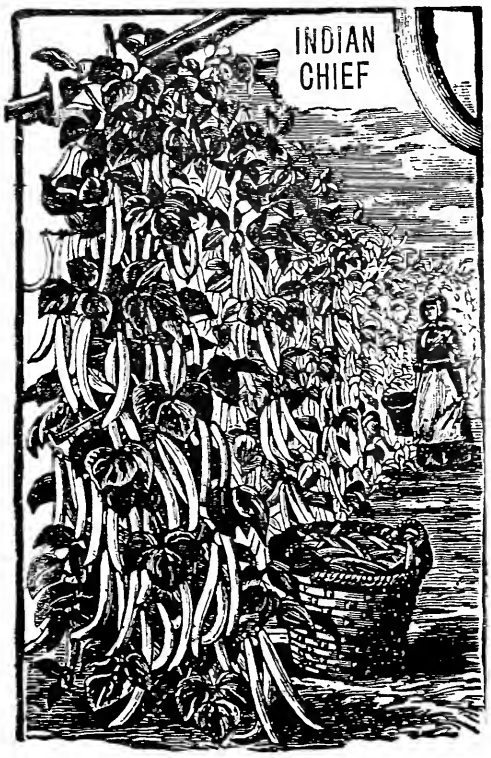
—**London Horticultural, or Cranberry.** An old favorite for both snap-shorts and dry beans. Pint, 18c.; pkt., 5c.

—**Red Speckled, or Cut Short.** An excellent bean, very productive, and bound to prove satisfactory. Per pint, 20c.; pkt., 5c.

—**Scarlet Runners.** This variety grows from 10 to 12 feet high; foliage green and flowers brilliant scarlet; fine for covering arbors, at the same time yielding a supply of wholesome and nutritious food. Per pint, 20c.; pkt., 5c.

—**White Dutch Runner.** Similar to the preceding, excepting seeds and flowers, which are white. Per pint, 20c.; pkt., 5c.

—**Painted Lady.** Grows from 12 to 14 feet high, with fine green foliage, and covered with red and white flowers, the vine making a splendid climber for trellis, etc. The pods are borne in clusters, and are of extremely fine flavor. Per pint, 20c.; pkt., 5c.



BEETS FOR THE TABLE

FR., *Betterave Potagere.* GER., *Runkel Rube.*

One ounce will sow 50 feet of drill; 5 to 6 lbs. to an acre.

Sow as early in spring as ground can be worked, in light, well manured soil, in drills 12 in. apart, covering the seeds one inch deep and pressing the soil firmly over them. Thin out 4 in. apart for table beets; cultivate often.

Beets, Briggs' New Extra Early has slender stems, small dark leaves and a smooth skin; is a dark crimson with very faint rings. The flesh is crisp and sweet and entirely free from earthy flavor. It proved itself to be fully as early as the Crosby, regular in character and free from coarse roots. It is flattish round in shape, like an orange, and has a firm tap root. Per lb., 90c.; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

—**Dewing's Blood Turnip.** An improved variety, of deep blood red color. Fine in form and flavor; an excellent market sort Per lb., 60c; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Edmand's Early Blood Turnip.** This beet, of American origin, is the most uniform of all Turnip Beets. The root is always smooth, round and handsome, tops small, of good marketable size, and among the best for table use; color dark red, flesh purplish red, crisp, tender and sweet. An excellent keeper. Per lb., 60c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Black Prince.** Round, medium size, early; deep dark red, tender and sweet. Per lb., 80c.; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

—**Dewar's Half-Long.** Red flesh-pink zones, sweet and tender; roots smooth; fine even shape. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Crosby's Improved Egyptian.** A very early and carefully selected strain of the original Egyptian; roots somewhat thicker. Per lb., 80c.; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

—**Olive Shaped.** A superior half-long variety, very smooth; flesh deep blood red. Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Extra Early Egyptian Turnip.** One of the earliest, of good quality and medium size, a fine forcing variety, small top. Per lb., 60.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Lentz Turnip.** Top small; dark red and white; early and profitable; fine even shape. Per lb., 60c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Early Blood Turnip.** A standard summer or winter variety. Rich deep blood red. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Early Eclipse.** Very early; globe shaped; flesh dark, tender and of desirable quality. Per lb., 60c.; ¼ lb., 25c.; oz., 10c; pkt., 5c.

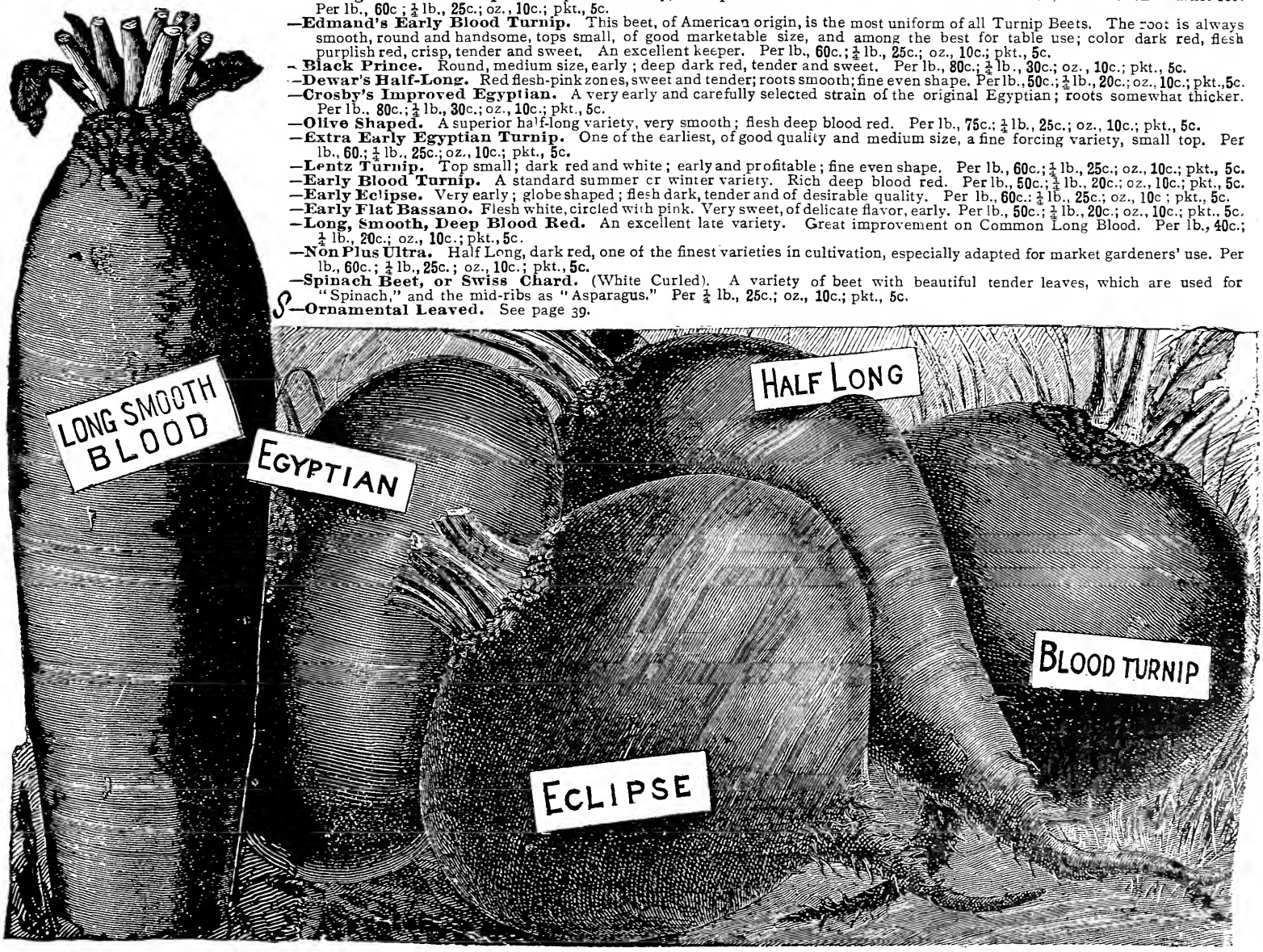
—**Early Flat Bassano.** Flesh white, circled with pink. Very sweet, of delicate flavor, early. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Long, Smooth, Deep Blood Red.** An excellent late variety. Great improvement on Common Long Blood. Per lb., 40c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Non Plus Ultra.** Half Long, dark red, one of the finest varieties in cultivation, especially adapted for market gardeners' use. Per lb., 60c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Spinach Beet, or Swiss Chard.** (White Curled). A variety of beet with beautiful tender leaves, which are used for "Spinach," and the mid-ribs as "Asparagus." Per ¼ lb., 25c.; oz., 10c.; pkt., 5c.

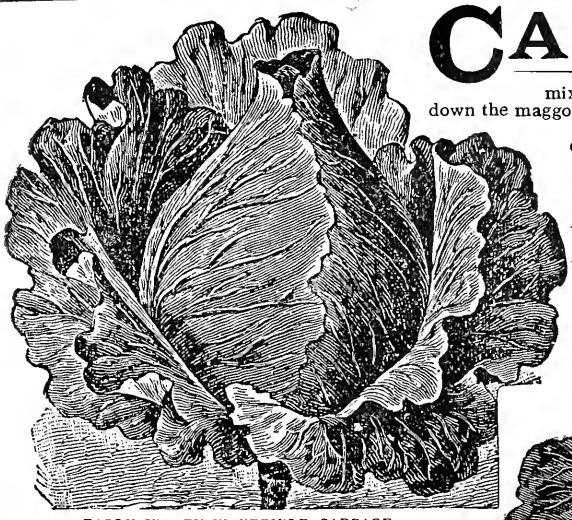
—**Ornamental Leaved.** See page 39.



CABBAGE

FR., *Chou Pomme.*
GER., *Kopf Hohl.*

For early use sow in a hot bed in February or March. For late crop sow in a nursery bed, May or June, and transplant as soon as the plants are 5 or 6 in. high. A mixture of salt and ashes applied to the hill when planting is excellent for promoting growth and keeping down the maggot. There is no vegetable in which the character of the seed is of more importance than this. Good seed, deep rich soil, plenty of manure, thorough cultivation. These are the cardinal points in raising a good crop of cabbage. One ounce of seed will raise about 2,000 plants. See remarks on Nitrate of Soda.



EARLY JERSEY WAKEFIELD CABBAGE.

FIRST EARLY VARIETIES

Cabbage. Extra Early Express. The earliest of all. Medium size, with few leaves; can be planted very close. Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Extra Early Etampes.** (Finest French.) A very early sort, producing medium sized heads, very sharply pointed. Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Early French Ox-heart.** Heart shaped. It grows low on the stump and heads freely. Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Early Winningstadt.** Select French. One of the best cabbages for general use. Heads regularly conical, solid, and of excellent flavor. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Early Jersey Wakefield.** One of the earliest and hardiest heading of the extra early sorts, and most gardeners depend upon it for the bulk of their extra early crop. Our stock is of American growth and selected with the greatest care, and there is none better and few as good. Heads conical, very compact and solid, of excellent quality (seed scarce). Per lb., $3.50; ¼ lb., 90c.; oz., 25c.; pkt., 5c.

—**Earliest Dwarf York.** One of the most popular early varieties. Heads small, roundish ovoid; firm and tender. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Early Sugar Loaf.** A conical-shaped head; a favorite with many. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Sutton's Earliest.** This very distinct cabbage increases in favor annually. The habit is dwarf, with scarcely any outer leaves; hearts large, tender, crisp and of excellent flavor. The heads are conical shaped, good size, light green in color, but the chief merit is that it comes very quickly. Pkt. 10c.; oz., 30c.; ¼ lb., 90c.

SUREHEAD

SECOND EARLY VARIETIES

—**Early Summer.** (Select American-grown seed.) A very early, large, flat heading variety; two weeks later than the Wakefield; of solid, handsome and compact growth. A favorite with gardeners and valuable for family use. Per lb., $2; ¼ lb., 60c.; oz. 20c.; pkt., 5c.

—**All-Head Early.** One of the earliest of large cabbages, being at least a week earlier than Early Summer, fully one-third larger, and sure to produce uniform solid heads. Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Fottler's Improved Brunswick.** A second early variety of superior quality, of large uniform size and a sure header. Per lb., $2, ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**All Seasons.** An early Drumhead Cabbage, yielding heads of good size. Very desirable either for extreme early spring or fall use (seed scarce). Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Vandergaw.** A quick growing flat Dutch variety, suitable for fall and winter use, like the All Seasons, which it closely resembles (seed scarce). Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Succession.** Follows ten days after Early Summer, forming more solid heads, while it can be planted nearly as closely. Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Early Flat Dutch.** A remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid and of good flavor. The heads mature about as early as Early Summer and stand long without bursting. This is one of the best of the second early kinds. Lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

LATE VARIETIES

—**Autumn King.** One of the finest winter cabbages. Per lb., $2.50; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Surehead.** Produces large, round, flattened heads, of the flat Dutch type, and is remarkable for its certainty to head. Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Premium, or Late Flat Dutch.** A very fine standard variety. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Danish Ball Head.** The heads are hard, round, of good marketable size, fine grained and good keeper, making it very popular for winter market. Lb., $2.50; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**Marblehead Mammoth.** Late; the largest cabbage grown; solid; excellent keeper. Per lb., $2; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Steele, Briggs' Chester King. Heads medium size, solid, round, and hard as can be, and of a bluish-green color. The quality is fine and flavor excellent, heads when opened being crisp and white. Very sweet flavored; keeps well; is good for shipping. Per ¼ lb., 80c.; oz., 25c.; pkt., 5c.

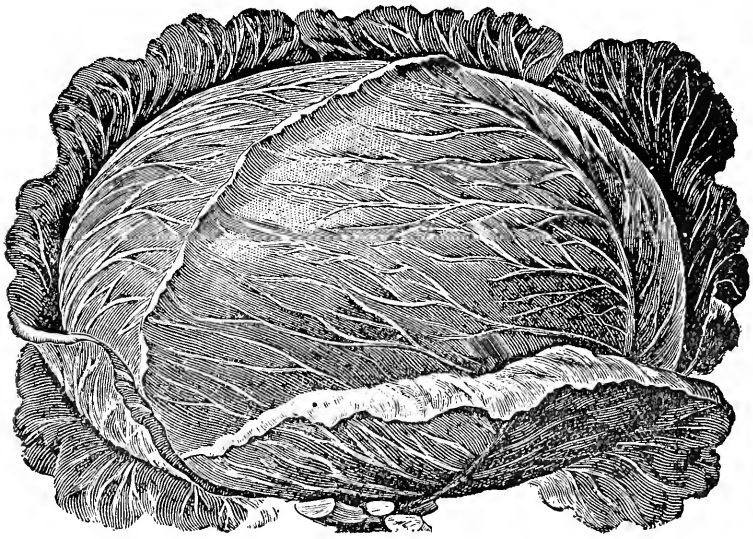
—**Quintal Drumhead.** Largest late. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Large Late Drumhead.** A standard winter cabbage for main crop. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Filderkraut.** A German favorite; fine solid heads. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pt., 5c.

—**St. Denis Large Drumhead.** Heads large, round, and a little flattened, solid, and of good quality. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Lupton**—A winter variety, of excellent quality and distinct character; a little earlier than the Flat Dutch, but will maintain shape and solidity for storing; of compact growth, color dark green and very uniform head. Per lb. $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.



CHESTER KING

RED CABBAGE

—**Mammoth Rock Red.** A large growing and selected strain of late red cabbage. The heads will average 12 lbs. each. Per lb., $2.25; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Dark Red Early Dutch.** Forms very hard, round heads, of a deep red or purple color. Per lb., $2; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Red Drumhead.** Heads large, nearly round, very hardy, and of exceedingly deep red color. Per lb., $2; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

SAVOY CABBAGES

Price for following varieties, pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., $2.

Steele, Briggs' Chester Savoy. Considered the finest Savoy in cultivation; heads solid, large, uniform, deeply savoyed and curled.

—**Early Favorite.** The earliest Savoy variety; distinct and good; heads small but firm.

—**Victoria.** A medium sized Savoy, most beautifully netted, and of excellent quality.

—**Early Ulm.** Round, deep green heads; early.

—**Drumhead Vertus.** The largest of the Savoys; dark green leaves; fine keeper.

—**Globe Curled.** Of delicate flavor; medium size; very solid; heads nearly round.

—**Improved American.** Finely curled, solid round heads; fine flavor; very sure header.

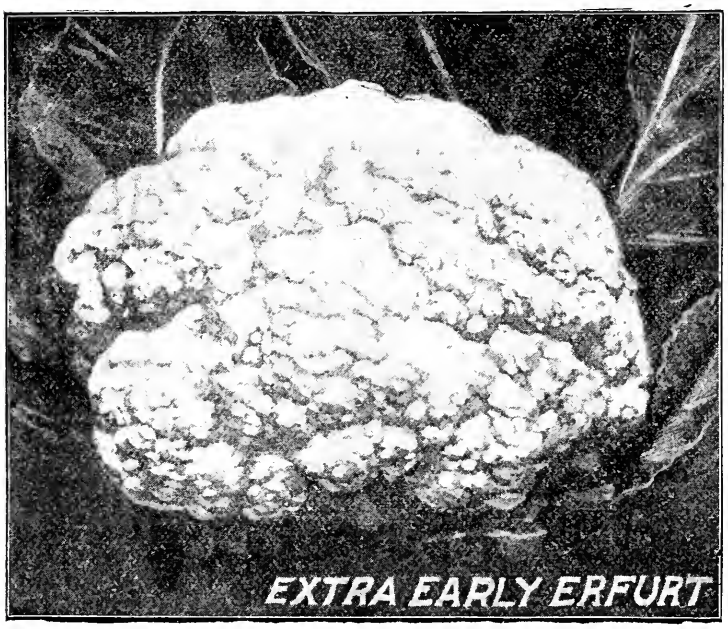
CHESTER SAVOY CABBAGE

CAULIFLOWER...

FR., *Chou-Fleur.* GER., *Clumen Kohle.*

For spring and early summer crop sow in March or early in April in hot-bed and transplant to cold frame when sufficiently large, and to the open ground as soon as danger of hard freezing is over. The plants will endure a light frost. The soil for cauliflower should be like that for cabbage, but it is better to be made richer than is ordinarily used for that crop. Give the plants thorough culture, and keep free from worms with Persian insect powder. For late crop sow at same time as for late cabbage, and treat in the same manner. It should be borne in mind that cauliflower will not head up well in hot, dry weather, and hence the sowing should be so regulated as to bring it in either in early summer or late fall. Although nine-tenths of the cauliflowers grown in this country are produced without it, frequent and abundant watering is so beneficial that it pays well for the labor it costs. After the heads begin to form draw the leaves over them and pin or tie them together to protect the heads from the sun and keep them white. They should be cut for use while the "curd" is compact and hard, as they soon become tough and bitter after they open and separate into branches. Owing to the seeds of some varieties being very expensive, there is great temptation to use the cheaper sorts. We think it well, therefore, to caution our customers to use only the best—the crop tells.

Cauliflowers grown from our Seed last season captured First Prize wherever exhibited.



Cauliflower, Steele, Briggs' Extra Early Whitehead. Remarkable both for its extra earliness and certainty to head—features in which we know no other strain can equal it. Of dwarf, compact growth, with short stalks, it bears close planting, and the leaves, growing upright, naturally protect the heads. The large, handsome heads, measuring eight to ten inches across, are pure snowy white, very close and of the finest quality. So extremely solid and deep, nearly globe shaped, are the heads, that they weigh heavier than most, if not all other cauliflowers of the same size. Gardeners can use our Extra Early Whitehead for either early or late. Price, ¼ lb., $9; oz., 2.75; ½ oz., $1 50; pkt., 25c.; ½ pkt., 15c.

—**Selected Extra Early Dwarf Erfurt.** One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality. Do not confound this variety with the cheaper Early Dwarf Erfurt. Oz., $2.75; ½ oz., $1.50; pkt., 25c.; ½ pkt., 15c.

—**Earliest Snowball.** More extensively grown than any other variety, both for forcing or wintering over for early crop. It is exceedingly early and hardy, and is one of the surest to make a solid, compact head. For these reasons it is growing more and more in favor for planting for the late summer and fall crop. We have taken great pains to secure the best seed procurable, and confidently recommend it as equal to that offered by anyone. Oz., $2.75; ½ oz., $1 50; pkt., 25c.; ½ pkt., 15c.

—**Early Erfurt.** A lower priced strain of Erfurt, not so reliable in heading as the Extra select variety. ¼ lb., $4.50; oz., $1.50; ½ oz., $1; pkt., 10c.

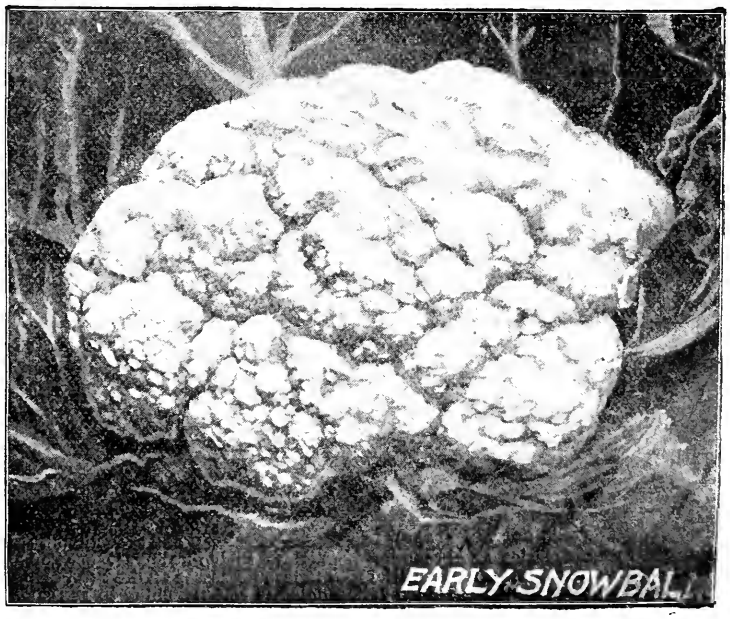
—**Veitch's Autumn Giant.** A valuable late variety; heads large, beautifully white, firm and compact. Being well protected by its heavy foliage, it remains a long time fit for table use. To ensure their full development, the plants should be started and transplanted early in the season. ¼ lb., $2: oz., 60c.; pkt., 5c.

—**Extra Early Dwarf Paris.** Heads large, white, compact, solid; excellent flavor, tender and delicious; leaves large, stalks short; a favorite for general early crop. ¼ lb., $3; oz., $1; pkt., 5c.

—**Early Paris, or Nonpareil.** A little later than Early Paris; planted with it will make a fine succession; also an excellent autumn sort, and preferred by some gardeners to any others; heads large, white, solid and fine flavored. ¼ lb., $3; oz., $1; pkt., 5c.

—**Lenormand's Large, Short Stemmed.** This is without doubt one of the finest late varieties grown; heads large, white, well formed and compact; of excellent quality, very hardy, semi-dwarf, producing many large leaves, which protect the close, solid curd, keeping it well blanched. ¼ lb., $3; oz., $1; pkt., 5c.

—**Walcheren White.** Large, firm white heads, very hardy, endure cold, and with stand heat and drought well. ¼ lb., $1; oz., 40c.; pkt., 5c.



CORN SALAD, OR FETTICUS

FR., *Mache*; GER., *Ackersalat.*

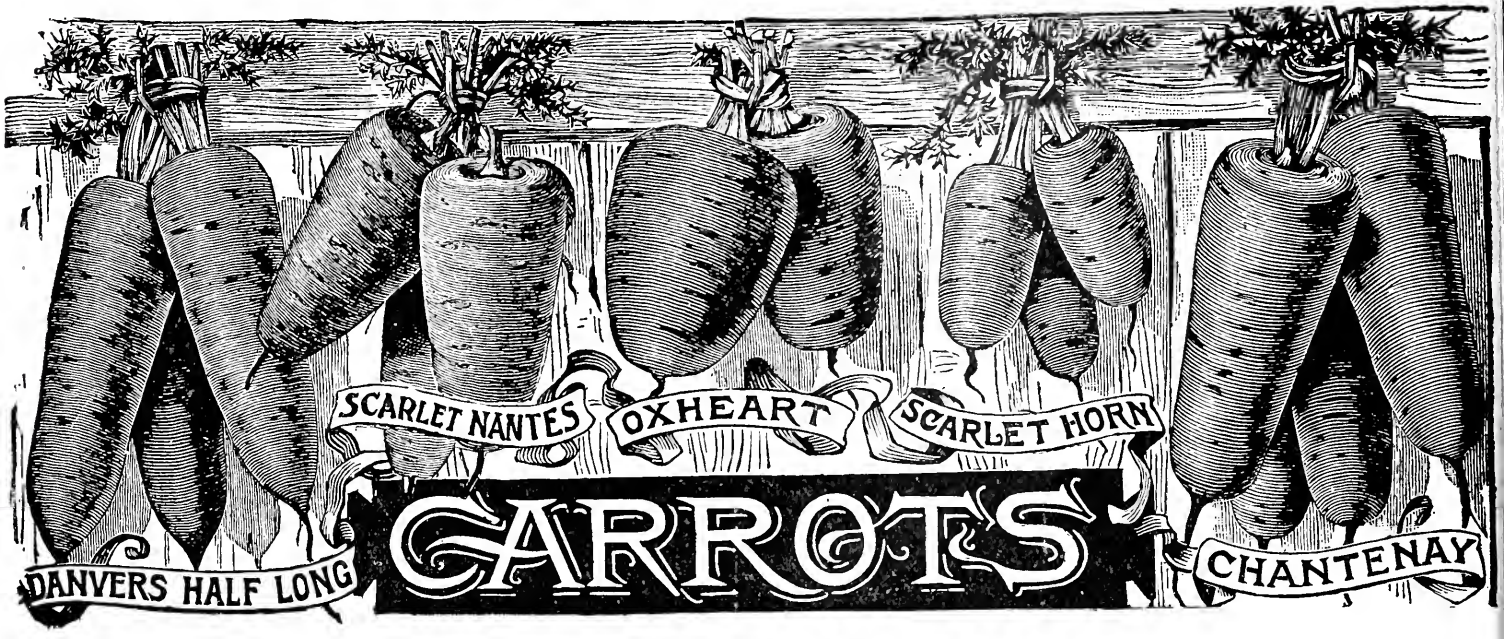
Grown for use as a salad. Sow very early in spring, in rows a foot or more apart. In six or eight weeks it is ready for use. For early spring use sow in September, and when cold weather sets in, cover with litter, and winter over like Spinach. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

CHERVIL, CURLED

FR., *Cerfeuil*; GER., *Gartenkerble.*

Cultivated and used like Parsley; sow at any time in the spring in shallow drills one ft. apart. Per oz., 15c; pkt., 5c.

You are cordially invited to our Trial Grounds, 1514 Queen St. East, where you can see for yourself the methods we adopt for testing all our Seeds.



One ounce will sow 100 feet of drill; two to three pounds for one acre.

Carrots to grow to perfection require a rich, deep sandy loam, well pulverized and deeply cultivated; for an early crop sow in May and June in drills about one foot apart, thinning out to four inches in the row; sow for main crop in June and July.

Carrots, Earliest Shorthorn, for forcing. Earliest variety in cultivation and best suited for forcing. Tops small, finely divided; root dark or reddish-orange, globular, with slender top, grooved at crown. Grows about two inches in diameter, but should be used before they are full grown. Per lb., $1.00; ¼ lb., 35c.

—**Early Scarlet Horn.** Excellent for planting out of doors. Tops small, coarsely divided; roots tap shaped, but tapering abruptly to a small tap; surface dented; skin orange-red.

—**Guerande, or Oxheart.** This variety has given great satisfaction. While not attaining one-half the length of many other varieties, it will compare favorably in bulk of crop, as on good land it will produce Carrots four to six inches in diameter. The crop can also be readily pulled.

—**Half Long Scarlet Nantes**, stump rooted. Tops medium; roots cylindrical, smooth, bright orange; flesh orange, becoming yellow in centre, but with no distinct core; of the finest quality.

—**Chantenay, Half Long Scarlet**, stump-rooted. Similar to Scarlet Nantes, but with lager shoulder and more productive.

—**Half-Long Luc**, stump-rooted. Useful main crop sort; early and productive.

—**Half-Long Danvers.** Thick, of good quality and exceedingly productive.

—**Scarlet Intermediate**, point-rooted. Size, full medium; skin, bright; flesh orange yellow, fine grained, well flavored, and when young is excellent for table use.

—**Long Scarlet Altringham.** Roots long, with tops an inch or two above ground; of medium size; skin deep scarlet; flesh bright, crisp and of fine flavor; excellent for garden or field cultivation; requires deep cultivation. Per lb., 60c.; ¼ lb., 20c.

Price, each (except where noted), per lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

CELERY

Fr., *Seleri*
Ger., *Sellerie*

Sow in the open ground as soon as it is fit to work in April, and keep clear of weeds until the time of planting in June and July. The tops should be shorn off once or twice before planting, so as to ensure "stocky" plants, which suffer less on being transplanted. Plant in rows 3 feet apart for the dwarf varieties, and 4 to 5 feet for the larger sorts, and set 6 inches apart in rows. After the planting of the Celery is completed, nothing further is to be done for six or seven weeks, except running through between the rows with the cultivator or hoe and freeing the plants from weeds. About the middle of August we begin the "earthing up," necessary for the blanching and whitening of that which is wanted for use during the months of September, October and November. The first operation is that of "handling." After all the soil has been drawn up against the plant with the hoe, it is further drawn close around each plant by the hand, firm enough to keep the leaves in an upright position and prevent them from spreading. This being done, more soil is drawn against the row (either by the plow or hoe, as circumstances require), so as to keep the plant in this upright position. The blanching process must, however, be finished by the spade, which is done by digging the soil from between the two rows and banking it clear up to the top on each side of the row of Celery. For fuller details on Celery culture see our Celery Manual, which is sent free by mail for 50c.

Celery, Paris Golden Yellow, Large Solid, French. Best for early market use. Plants of a yellowish green color when young, but as they mature the inner stems and leaves turn a beautiful golden-yellow, which adds much to their attractiveness and makes the work of blanching much easier. The handsome color, crispness, tenderness, freedom from stringiness, and fine nutty flavor make it only necessary to be tried in order to establish it as the standard of excellence as an early sort. ¼ lb., $1.75; oz., 60c.; pkt., 10c.

—**White Plume.** Excellent variety; tender, crisp, mild, pleasing flavor; not a good keeper. Price, ¼ lb., 75c.; oz., 25c., pkt., 5c.

—**Giant Pascal.** A green leaved variety developed from the Golden Yellow Large Solid, and has no superior for fall and winter use. It blanches very quickly after earthing up, to a beautiful yellowish-white color, is very solid and crisp and of a nutty flavor. The stalks grow broad and thick. With rich soil and high culture this variety will give the best of satisfaction. ¼ lb., 50c. oz., 15c.; pkt., 5c.

—**Golden Heart, or Golden Dwarf.** A distinct variety of sturdy dwarf habit. Solid, an excellent keeper, fine nutty flavor. When blanched, the large and full heart is light yellow, an exceedingly showy and desirable variety ¼ lb., 50c.; oz., 15c.; pkt., 5c.

—**Dwarf White Solid** (large-ribbed). Dwarf, white, stiff, close habit; solid, crisp, and of fair quality. Said to keep in good condition later in the season than any other variety; is also sold as *Large Ribbed Kalamazoo.* ¼ lb., 50c.; oz., 15c.; pkt., 5c.

—**Evans' Triumph.** The best late Celery. This new Celery is of superb quality and one of the best keepers, remaining in condition for use much longer than most sorts. The very large solid stalks are of the finest quality and texture, crisp, brittle, tender and really nutty in flavor. It stands at the head of all late keeping white Celeries. Price, ¼ lb., $1.00; oz., 30c.; pkt., 5c.

PARIS GOLDEN YELLOW

RED VARIETIES

Celery, Pink Plume. Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red Celeries. ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**London Prize Red.** One of the best of its color. ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**New Dwarf Rose.** One of the best pink Celeries; large, crisp and exceptionally nutty; a good keeper and of handsome appearance. The pink Celeries are becoming popular for their fine appearance and superior flavor. ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Rose Ribbed Paris.** This beautiful new Celery possesses all the good qualities of the famous Paris Golden Yellow. It has the same beautiful rich golden yellow color, is self-blanching to the same remarkable degree, and differs only in the color of the ribs; these are of a very attractive shade of rose, which deepens as the season advances. ¼ lb., $1.75; oz., 60c.; pkt., 10c.

—**Celerlac, Large Smooth Prague.** A variety of Celery with turnip-shaped roots, which are white fleshed, comparatively tender, and have the flavor of Celery stalks. ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Soup Celery. (*Old Seed*). Excellent for flavoring. Oz., 10c.; pkt., 5c.

GIANT WHITE PASCAL

COUNTRY GENTLEMAN

CORN

SWEET OR SUGAR

FR., *Mais;* GER., *Mais.*

40 lbs. per bushel

All varieties of Sweet or Sugar Corn may be either sown in rows four and one-half feet apart, and the seeds placed about eight inches apart in the rows, or planted in hills at distances of three or four feet each way, according to the variety grown or the richness of the soil in which it is planted. The taller the variety, or the richer the soil, the greater should be the distance apart. We make our first plantings in this vicinity about the middle of May, and continue successive plantings every two or three weeks until the last week in July. Cultivate often and thoroughly. One pint of seed plants 100 hills. One peck will plant an acre. *For field varieties see Agricultural Seeds.*

Add 5c. lb. for postage if wanted sent by mail.

EARLY VARIETIES

Corn, Extra Early Cory (White Cob). Undoubtedly the earliest of all, and the very best early Sweet Corn. Peck, $1; lb., 15c.; pkt., 5c.

—**First of All** (Red Cob Cory). Differs from the preceding only in the color of the cob. Peck, 90c.; lb., 10c.; pkt., 5c.

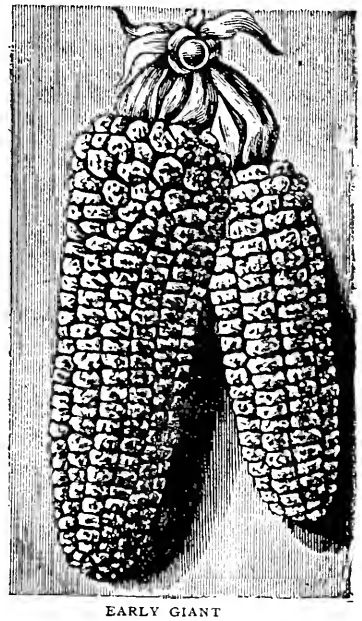
—**Early Marblehead.** A week later than the Cory; ears medium size, eight rowed, small, red cob, kernel broad, shallow and very sweet. Peck, 90c.; lb., 10c.; pkt., 5c.

—**Early Minnesota.** Next to the Marblehead in earliness; ears of fair size, kernels broad, sweet and tender. Peck, 90c.; lb., 10c.; pkt., 5c.

—**Crosby Early Sugar.** Early and a great favorite. Rather small ears, but productive and of excellent quality. Peck, $1; lb., 15c.; pkt., 5c.

Early Giant (new). The ears grow to a large size, kernels pure white, sweet and tender. The accompanying cut is taken from a photo of ears grown on high land on stalks 4 to 5 ft. high, and needs no further explanation. Gardeners report the corn ready for use in sixty days grown on sand, and seventy-two days on heavy clay. Peck, $1.50; lb., 20c.; pkt., 5.

—**Mammoth White Cory.** Much time and attention has been given to the improving of Sweet Corn and it gives us genuine satisfaction that we are able to offer a variety so pronounced in its superiority as Mammoth White Cory. The earliest large eared corn yet introduced; only a few days later than the Extra Early White Cory. The ears are very much larger, the grain and cob are pure white and of unsurpassed quality. Peck, $1; lb., 15c.; pkt., 5c.



EARLY GIANT

MEDIUM EARLY VARIETIES

Corn, Perry's Hybrid. No better second early for the market gardener. It is nearly as early as Early Minnesota, but makes a larger ear. Kernels white, large, sweet and very tender. Peck, $1; lb., 15c; pkt., 5c.

—**Hickox Improved.** Valuable for canning. The ears are 12-rowed. Quality of the best. A favorite with canners. Peck, 90c.; lb., 10c.; pkt., 5c.

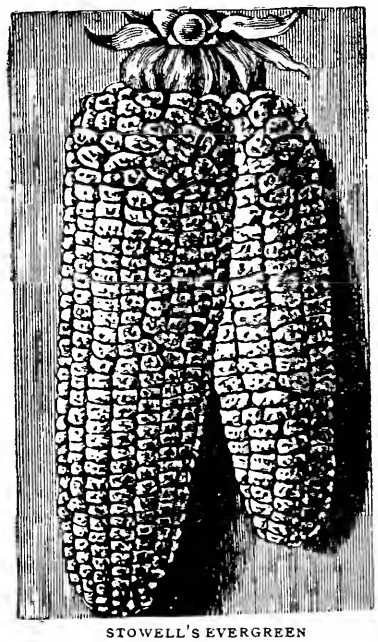
LATE OR MAIN CROP VARIETIES

Corn, Country Gentleman. This variety is the highest attainment yet achieved in the cultivation and improvement of Sweet Corn; remarkably delicious corn for family use. Its long, small, milky kernels are full of sweetness, and as the cob is small, and the corn white and tender, it is sure to please. Peck, $1; lb., 15c.; pkt., 5c.

—**Mammoth.** Second early. Largely used by market gardeners. Produces the largest ears of any sweet corn; ripens earlier than the evergreen. Peck, 90c.; lb., 10c.; pkt., 5c.

—**Stowell's Evergreen.** Grown more exclusively than any other; a great favorite with canners and market gardeners for late use. The ears are of large size; kernels very deep, tender and sugary; very productive and remains for a long time in fit condition for table use. Peck, 90c.; lb., 10c.; pkt., 5c.

—**Pop Corn.** Cultural directions same as for Sugar Corn. Lb., 10c.; pkt., 5c.



STOWELL'S EVERGREEN

CRESS, OR PEPPER GRASS

FR., *Cresson;* GER., *Kresse.*

Sow thickly in shallow drills, early in the spring, and at intervals throughout the season, for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margin of ditches or streams, and increases rapidly by the spreading of the roots or from the seed.

Cress, Extra Curled. Very fine; may be cut two or three times. Per lb., 40c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

—**Broad Leaved Green.** Very large leaved variety, pungent and pleasant flavored. Sometimes used for soups. Per lb., 40c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

—**Water.** A most desirable and appetizing salad, thriving best in shallow water, on the edges of streams. Per oz., 50c.; pkt., 10c.

LEEK

FR., *Poireau;* GER., *Lauch.*

The Leek is very hardy, of easy culture and succeeds best in light rich soil. Sow early in April, in drills 1 foot apart, and 1 inch deep. When the plants are 6 to 8 inches high transplant in deep rich soil, in rows 12 in. apart and 6 in. in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. One ounce will sow about 100 feet of drill.

Leek, London Broad Flag. Large and strong, with broad leaves growing only on two sides, like the Flag. Per lb., $1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—**Giant Carentan.** The largest variety; often three inches in diameter, and becoming very white and tender; a very hardy sort. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Musselburgh.** A very large variety of superior quality. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

CRESS, OR PEPPER GRASS.

EGG PLANT

FR., *Aubergine;* GER., *Eierpflanze.*

For perfection of growth, a rich soil, plenty of moisture and warm weather are required, with the addition of frequent hoeing. Sow in a gentle heat about the first of April. Transplant about the middle of June, setting the plants three feet apart. One ounce to fifteen hundred plants.

Egg Plant, New York Improved. Purple; best for market and home use; very large, oval, heavy fruit. Oz., 60c.; pkt., 10c.

—**Early Long Purple.** Fruit longer and smaller than the above sort; hardy, productive, early and excellent. Per oz., 30c.; pkt., 5c.

ENDIVE

FR., *Chicoree;* GER., *Endievien.*

This plant makes a tender and delicious autumn salad. It is planted in June or July, and when nearly full grown the outer leaves are tied together in order to bleach in the centre. One ounce will sow 100 feet of drill, and will produce about three thousand plants.

Endive, Extra Green Curled. Curled dark green leaves, which blanch white, crisp and tender. Price, per ¼ lb., 50c.; oz., 15c.; pkt., 5c.

—**Moss, Curled.** Has the appearance of a tuft of moss, color, dark green; blanches beautifully. Price, per ¼ lb., 50c.; oz., 15c.; pkt., 5c.

GIANT CARENTAN LEEK

IMPROVED LONG GREEN

CUCUMBER

Fr., *Coucombre.*
Ger., *Gurke.*

1 oz. for 50 hills; 2 to 3 lbs. in hills for an acre.

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down) so that they can be readily transplanted to the open ground in rich soil, when the danger of frost is over, or protect by hand-glasses. For general use plant when the weather has become settled and warm, in hills about four feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumber should be gathered when large enough for use, whether required or not; if left to ripen it destroys their productiveness. For pickles plant from June until middle of July.

Prices for the following varieties (except where noted), Per pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

Cucumber, Cool and Crisp. An improved variety of the Early Arlington, white spine, being longer, more cylindrical and tapering at the ends, a most desirable shape for pickles. At the pickling stage they are long, slim and even, and of a deep dark green color. One of the earliest and most prolific. The flesh is peculiarly crisp and tender; one of the very best for table use.

—**Extra Early Long Green.** This new strain of Long Green is claimed to be as early as the White Spine. The earliness combined with size, make it quite desirable for the market gardener. Per lb., 60c.

—**Japanese Climbing.** Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort can be grown on trellises, etc., saving valuable space in small gardens. It is very prolific, from forty to fifty cucumbers having been counted on single plants. Fruit cylindrical; about 10 inches long, thick and of fine flavor. Lb., 75c.; ¼ lb., 25c.

—**White Wonder.** A most distinct and valuable variety. It is of a pure waxen white from the time the fruit is first set until it has matured. It is very prolific and likely to be valuable both for forcing and garden cultivation. Per lb., 75c.; ¼ lb., 25c.

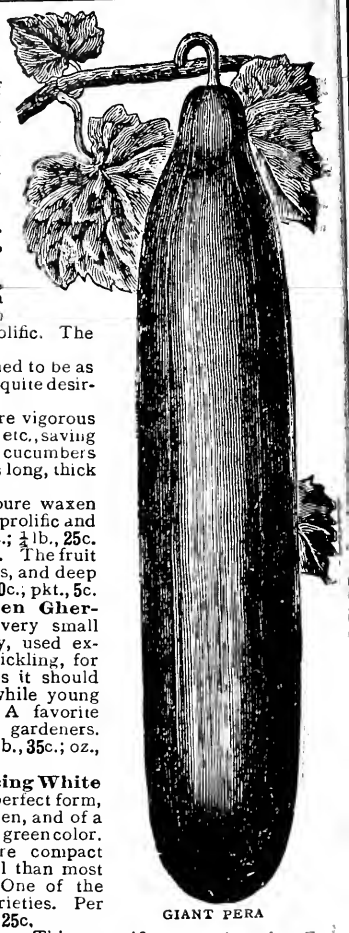
—**Paris Prolific Pickling.** A very desirable and distinct French sort. The fruit is very long, slender, cylindrical; densely covered with fine pickles, and deep rich green in color. Very crisp and tender. Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Short Green Gherkin.** A very small prickly variety, used exclusively for pickling, for which purposes it should be gathered while young and tender. A favorite with market gardeners. Per lb., $1; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

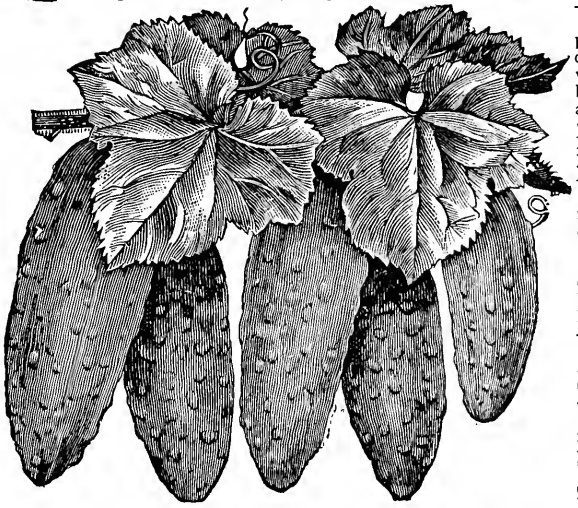
—**Hill's Forcing White Spine.** Of perfect form, remarkably even, and of a desirable dark green color. It grows more compact about the hill than most other kinds. One of the best table varieties. Per lb., 75c.; ¼ lb., 25c.

—**Giant Pera.** This magnificent variety is of most delicious flavor; flesh white, very crisp and tender at all stages, and can be eaten at any time during growth. Of enormous size. Per lb., 60c.

—**Steele-Briggs' Evergreen.** A remarkably fine strain of Cucumber, which is specially recommended for market, table or pickling purposes, differing from the ordinary and popular White Spine in color; it retains a deep green color in all stages of its growth; produces extra long smooth shaped fruit; very prolific and very white in flesh, tender and crisp.



GIANT PERA



CHICAGO PICKLING CUCUMBER

OTHER STANDARD VARIETIES

Early Arlington White Spine **Chicago or Westerfield Pickling** **Early Frame**, per lb., 45c
Nichols' Medium Green **Early White Spine; Boston Pickling**; lb., 45c, **Short Green**, per lb., 45c.
Improved Long Green **Early Green Cluster; Green Prolific.** Per lb., 45c. **Long Green**, per lb., 45c.

FORCING OR FRAME CUCUMBERS

These are grown in the green-house or in a hot-bed; very handsome both in form and color; attain a length of from 20 to 30 inches. The following are the cream of the many popular sorts:

Cucumber, Blue Gown. Black spined variety, 18 to 24 inches long. Per pkt., 20c.

—**Cuthill's Black Spine.** Very handsome fruit of moderate size, prolific. Per pkt., 20c.

—**Duke of Edinburgh.** White-spined variety, averaging over 30 inches in length. Per pkt., 20c.

—**Marquis of Lorne.** White-spined variety; immense size and symmetrical form. Per pkt., 30c.

—**Empress of India.** (Reid's). White-spined variety, 18 to 24 ins. long; very uniform in shape, of excellent flavor and very productive. Per pkt., 20c.

—**Carter's Model.** Handsomest Cucumber grown; perfect outline, scarcely any neck, fine flavor. Per pkt., 20c.

—**Rollinson's Telegraph.** Very prolific, crisp, and of superior quality. Per pkt., 25c.

GOURDS

Fr., *Gourde*; Ger., *Zier Kuerbis.*

The following varieties will be found useful for household and farm purposes. Instructions for growing are printed on each paper of seed. For ornamental varieties see flower seeds, page 44.

Gourd, Dipper. Valuable for household purposes. Make dippers of various sizes, which will last years. Per oz., 25c.; pkt., 5c.

—**Sugar Trough.** They grow to hold from 5 to 10 gals. each, have thick, hard shells, but durable. Per oz., 25c.; pkt., 5c.

—**Nest Egg.** Grows exact size, color and shape of an egg, and makes a very good nest egg. It is a rapid growing climber. Do not plant until danger from frost is over. Per oz., 25c.; pkt., 5c.

MUSHROOM SPAWN

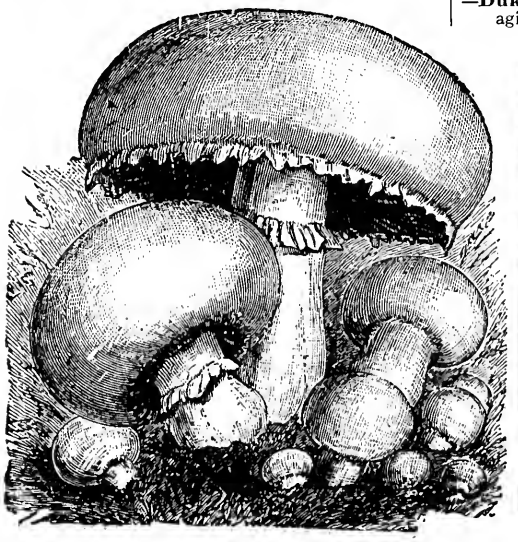
Although the Mushroom is one of the most delicious and at the same time most nutritious of all known esculents, its cultivation is not generally understood. We have had so many enquiries regarding cultivation of Mushrooms that we have prepared and published an 8-page pamphlet, written by a practical grower, which gives in a concise form all necessary information for the successful raising of the best Mushrooms. This pamphlet will be sent free to any one interested. We make a specialty of supplying the genuine English "Milltrack" Mushroom Spawn. We receive several importations a year, so that customers can depend on receiving spawn fresh and genuine at all times.

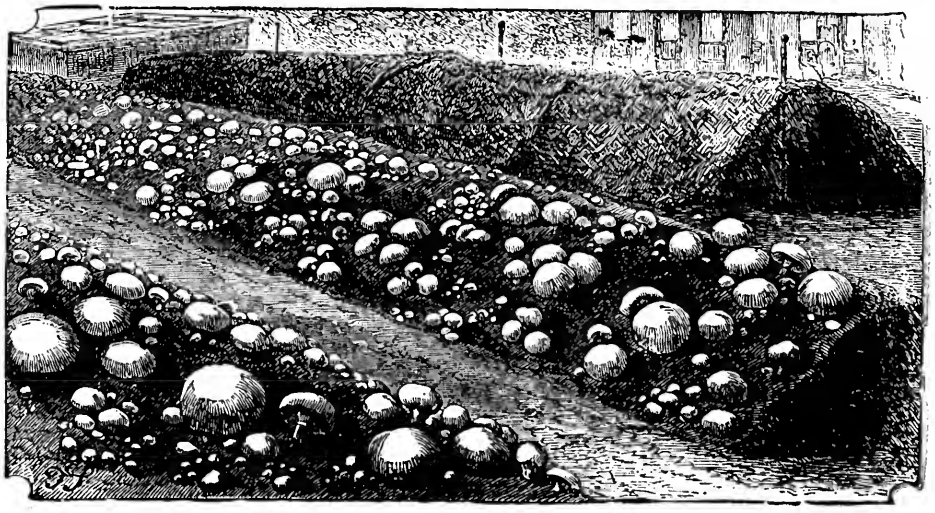
Mushroom Spawn, English. Per brick, 25c.; 5 for $1 (post-paid). Special quotations on quantities.

French. Per 2-lb. box, $1, post-paid.

MUSHROOM CULTURE

Chapters on "Mushroom House," "Preparations of Materials," "Spawn," "Spawning," "Culture in Cellars and Out-houses," "Cave Culture," "Culture in Open Air," "Culture in Pastures," etc. Profusely illustrated. New edition, 172 pages. Price, 50c. each, post-paid.





ED OF MUSHROOMS GROWN FROM OUR SPAWN

LETTUCE

Fr., *Laitue.* Ger., *Lattich.*

One ounce will sow 150 feet of drill.

Lettuce is a plant of most simple culture when grown in the open air. It requires rich soil, plenty of well-rotted manure and abundant moisture. With these conditions its growth is vigorous and rapid; and to be crisp and tender, it should be grown quickly. Of all the salad plants, lettuce easily takes the lead; and no garden is worthy the name without its lettuce beds. It has few, if any, insect enemies, and flourishes throughout the spring and summer months. Droughts and hot weather are its worst drawbacks, as during such periods it is inclined to run up to seed. Seed may be sown in a frame in February or March, not much bottom heat being required. The plants may be set out as early as the ground can be worked, as light frosts will not injure them. Set in rows about eighteen inches apart, leaving eight or ten inches between plants. For successive crops, sow every two weeks up to July.

Lettuce, Grand Rapids Forcing. This is regarded as the best forcing and shipping variety. It matures quickly, is of large size and of handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other sort. ¼ lb., 35c; oz., 15c.; pkt., 5c.

—Big Boston. A most desirable variety, either for forcing or for open ground very large and solid, heads well and is a valuable sort. ¼ lb., 50c.; oz., 15c.; pkt., 5c.

—Toronto Gem. The finest market variety to be found. Its beautiful yellowish green color, crimped, curled and well formed heads, tender quality and sweet flavor place it at the head of the list for the market gardener or for family use. It withstands the heat of summer, and retains its sweetness for a longer time than any other variety we know: ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—Nonpareil Cabbage. One of the best in cultivation; color, beautiful light yellowish green; heads well; very tender. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—Ohio Cabbage. Early Ohio is good either for spring or summer use; forms a large solid head of a beautiful light green color; very tender and of delicious flavor. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—All the Year Round. A very hardy, compact variety; white, solid and crisp; for the summer or forcing this variety is unsurpassed. ¼ lb., 35c; oz., 15c.; pkt., 5c.

—Black-Seeded Simpson. (Curled). Forms a large loose head; its nearly white curly leaves are large, thin, exceedingly tender, and of a very good quality; one of the very best sorts for the frame or hot-house, as well as for early outside planting; not so desirable for shipping as Grand Rapids. ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—Red Edge Victoria. Crisp and tender; of a light pale green color tinged with red at the edges; one of the best for family uses. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—California Cream Butter. Heads of good size, round and solid. ¼ lb., 35c.; oz., 15c.; pkt., 5c.

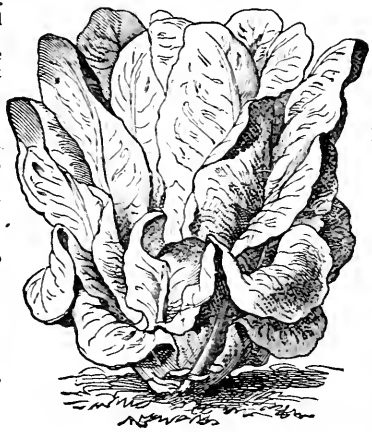
—Denver Market. A very early sort, with large, even heads, solid, crisp and of fine flavor. ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—Deacon. One of the best, a good header, very hard and of splendid quality. ¼ lb., 35c., oz., 15c.; pkt., 5c.

OTHER STANDARD VARIETIES

Lettuce, Early Hanson.
—Early Green Curled Silesian.
—Early Prize Head.
—Drumhead, or Malta.
—Early Curled Simpson.
—White Summer Cabbage.

Above 6 varieties, price, ¼ lb., 30c.; oz., 10c.; pkt., 5c.



NEW CELERY LETTUCE, "TRIANON."

COS, OR CELERY LETTUCE

This is the favorite class of Lettuce in Europe, and is becoming more popular here. The long narrow leaves, which form solid heads almost like a Wakefield Cabbage, bleach and quickly become snowy white. They excel all other Lettuce in quality, having a taste and crispness unequalled. The leaves when bleached are stiff like celery stalks, and can be eaten in the same manner.

New Celery Lettuce, "Trianon." This excels all other Lettuce in quality, having a crispness, tenderness and flavor peculiarly its own, and unapproached by any other variety. The heads are long and conical, often nine inches high by eighteen inches in circumference. The long and narrow leaves require to be tied, when they soon form solid heads and quickly bleach to snowy whiteness, and become as stiff, crisp and sweet as celery stalks, and are delicious when eaten in the same manner, or prepared for salad. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—Paris White Cos. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

KOHL RABI

Fr., *Chou Rave;* Ger., *Kohlrabi.*

Kohl Rabi is sown for general crop in the spring, like the Turnip, in drills; or may be transplanted like the Cabbage. For winter table use sow middle of June. The stem, just above the surface of the ground, swells into a bulb something like a Turnip. It is cooked like the Turnip, and is highly prized for stock. It will bear drought better, and therefore a crop is more certain.

Kohl Rabi, Early White Vienna. Green top, white flesh, popular, handsome, good flavor. ¼ lb., 75c.; oz., 25c; pkt., 5c.

—Early Purple Vienna. Differs from the preceding only in color. ¼ lb., 75c.; oz., 25c.; pkt, 5c.

MUSTARD

Fr., *Moutard*; Ger., *Senf.*

Sow thickly in drills 8 to 10 inches apart, in rich, loamy soil, covering the seed half an inch deep. When young the leaves are used in salad, and in more advanced stages as greens in the same way as spinach. Sowings for succession may be made from April till July.

Mustard, White. The best for salads; seeds are also used for mixing with pickles and for preserving cider. Lb., 30c.; ¼ lb., 15c., oz., 10c.; pkt., 5c.

—New Chinese. Highly esteemed for salads. The leaves are twice the size of the ordinary White Mustard, flavor sweet and pungent. ¼ lb., 30c.; oz., 10c.; pkt., 5c.

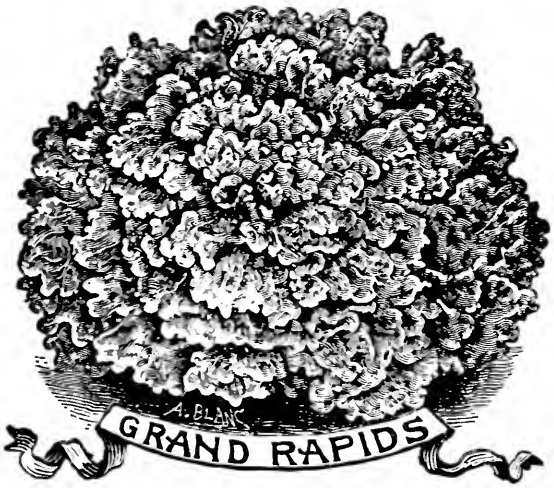
MANGO MELON

Also called Vegetable Peach, or Vine Peach. This peculiar new vegetable grows on a vine like a melon, and is golden yellow in color, resembling an orange in shape and size, and the flesh is snow white. They are used fried like egg plant, when green; they also make splendid mangoes, stuffed with cabbage, like peppers. When they first ripen they are quite hard and tasteless, but they soon become mellow and sweet, and have a very rich flavor. For sweet pickles, pies or preserving they have no equal. They are very early, hardy and productive, the vines being literally covered with fruit. You should try them, we know you will be pleased with them. Will suit the North-West, where fruit is scarce. Oz., 15c.; pkt., 5c.

GARDEN LEMON

The Garden Lemon is a very interesting fruit, about the size of a lemon; bright golden color; pulp about half an inch thick; agreeable, pleasant flavor, sub-acid, with the richness of a musk melon; a desirable addition to the list of new fruits. Cultivate in hills. Oz., 15c.; pkt., 5c.

How to Prepare Garden Lemons for Preserves.—Peel, halve and remove seeds from the Garden Lemons selected. To each pound of fruit so prepared allow one pound of white sugar. Sprinkle sugar over fruit and let stand over night; pour off juice into preserving kettle and let it come to a boil; then place the fruit in and cook until fork will pierce it easily. Take out carefully and place in jars. Let syrup boil a few minutes to thicken, then skim and pour over fruit; seal closely.



MELON—MUSK

FR., *Melon*; GER., *Zucher Melone*.
1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre.

The Melon, being of tropical origin, reaches perfection only in a warm temperature. In this latitude we must give the Melon every possible advantage to secure earliness and thorough ripening. The same culture as recommended for Cucumbers will ensure success. It is desirable also for the North to secure early ripening varieties. There are two distinct species of Melons—the Musk and the Water Melon. The former is the most easily grown, though, with a selection of early sorts and a little attention to forwarding the young plants early in the season, a good crop of either can be secured almost anywhere. The Melon will grow and ripen well in a warm, sandy, poor soil, but when grown in such a situation the hill must be thoroughly enriched with plenty of available food for the roots.

SELECT VARIETIES

Price, each, for the following varieties, except where noted:
¼ lb., 30c.; 1 oz., 15c.; pkt., 5c.

Melon, Musk. The Banquet. "The Banquet" is a medium sized Melon, flat at both ends, and more beautifully netted than any other known variety. In quality it has no equal, the flesh is uniformly deep and of that granulated character that always indicates a good melon; color, dark rich salmon. Per ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Early Hackensack.** This strain is the result of careful selection of the old variety of the same name, but is ten days earlier and of superior quality. Flesh light green and of delicious flavor.

—**Emerald Gem.** Medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained, and of most excellent flavor. The rind is thin, dark green, ribbed, slightly netted.

—**Large Hackensack.** Fruit large; slightly flattened at ends lightly ribbed and closely netted; flesh thick, deep green, and of sweet, pleasant, musky flavor.

—**Osage, or Miller's Cream.** Leading favorite yellow-fleshed variety. It is round, slightly ribbed and netted; skin very dark green; flesh a deep, rich salmon, sweet, highly flavored and delicious to the rind; very seldom that one of poor quality is found.

—**Surprise.** This old variety is still highly esteemed by many. Vines hardy and productive; fruit oval, not deeply ribbed, covered with slight patches of netting; yellowish white; flesh deep salmon color.

—**Tip-Top.** Quite distinct in appearance, this new Melon is of the finest quality; flesh yellow, sweet, juicy and firm, but not hard; fruit ribbed and beautifully netted; a very productive and excellent variety.

—**Exquisite.** This grand new Melon is somewhat globular in shape; the skin is a peculiar grayish green until ripe, when it changes to a bright yellow. The ribs are wide and covered thickly with prominent netting. The melons average about six inches in diameter, have a very small seed cavity, and are exceedingly solid and heavy for their size. The flesh is a deep, rich, orange-yellow color, and is of very fine grain, without the slightest stringiness, and of delicate and delightful flavor. ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—**Montreal Green Nutmeg** To all who wish to grow the handsomest Melon possible for exhibition or for market, we recommend this one. The shape is almost round; deeply ribbed; skin green and densely netted; flesh remarkably thick, light green and of fine flavor.

—**Princess.** A distinct Melon, and one of the best, both for market and the home garden. They are nearly round; skin dark green, thickly netted; flesh salmon, very thick and of excellent flavor. They ripen early.

—**Banana.** Yellow-fleshed; entirely free from netting; skin delicate straw color.

—**Bay View.** The leading oblong, green-fleshed sort; large, prolific and fine flavor.

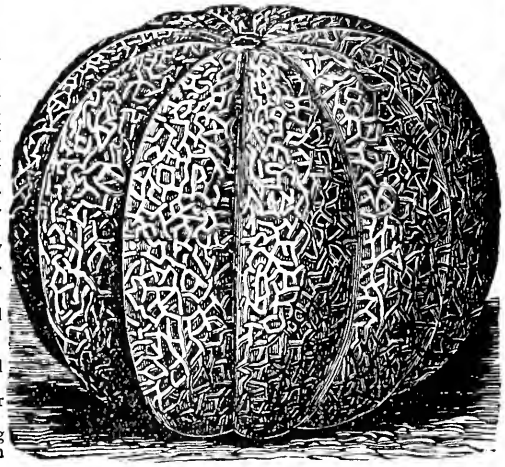
—**Casaba, or Green Persian.** Fruit long, oval, and a little pointed at each end; flesh pale yellow, very mild flavor.

—**Large Yellow Cantaloupe.** Flesh reddish orange, sweet, and of good flavor; early and productive.

—**Skillman's Netted.** Form roundish oval; flesh light green, sweet and richly perfumed; an early and delicious variety.

—**Small Green Nutmeg.** Fruit round, of medium size, slightly ribbed; skin dark green, yellow when over ripe; flesh thick, a little coarse, but of fine flavor.

—**Irondequoit.** (New). Flesh thick, orange-yellow in color, melting, juicy, nectar-like. The vine is a strong grower and very productive. Fruit is large—12 to 15 inches in diameter—round, ribbed, of light grayish color, with a prominent net-work over the surface. A splendid Melon.



EARLY HACKENSACK

MELON—WATER

FR., *Melon d'eau*; GER., *Wasser-Melone*.
1 oz. will plant 30 hills

Water Melons are cultivated in hills, which should be six to eight feet apart each way, and composed of light, moderately rich soil. The hills should be dug about two feet square; eighteen inches deep, and half filled with well rotted manure, which must be thoroughly incorporated with the soil. Plant in May, 10 seeds to a hill, and when the plants are well up, thin out to three. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting.

Price, each of the following varieties (except where noted), ¼ lb., 20c.; 1 oz., 10c.; pkt., 5c.

Melon, Black Spanish. Fruit medium size, almost round; skin dark green; flesh red, sweet and delicious.

—**Cuban Queen.** A very fine variety, growing to great size; flesh, bright red, solid and sweet. The skin is beautifully striped with dark and light green. Melons are wonderfully solid, rind thin. They are enormously productive and ripen early.

—**Dixie.** A melon of excellent quality extremely sweet, juicy and tender. Very early, hardy and productive.

—**Hungarian Honey.** This variety ripens early. The flesh is a very brilliant red color, and of a very rich honey flavor; color of skin medium bright green; uniformly of medium size.

—**Mountain Sweet.** A good early variety. Standard everywhere. Oblong in shape, dark green color with beautiful core; is of good size. Its color and shape make it valuable for all purposes.

—**Peerless.** A grand favorite and standard variety. Superior in every respect. Has beautiful crimson core, which is always fine grained and cannot be surpassed in flavor. Very prolific, magnificent grower. It is one of the best for market and home purposes.

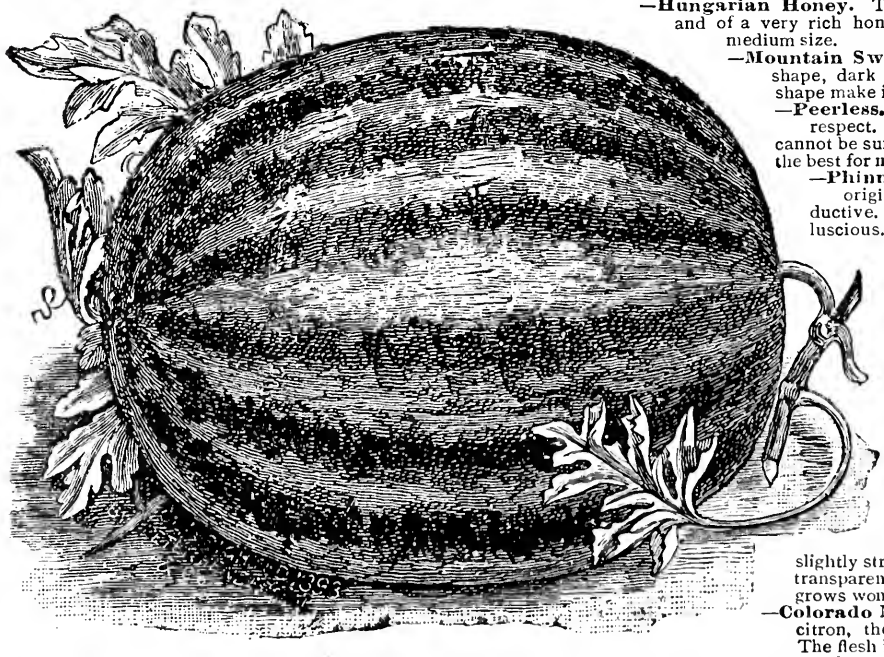
—**Phinney's Extra Early.** Established standard sort, of western origin and well acclimated; it is sweet, of good size, and very productive. Its market qualities are the very best; flesh is red, sweet and luscious.

—**Seminole.** A long oval melon, of fair quality, a profuse bearer. Melons either gray or light green in color.

—**The "Boss."** Oblong in shape; skin, dark green; flesh, deep scarlet and rich flavor. Early, heavy, productive and a good shipper.

—**Sweet Heart.** A new variety of largest size, a little longer than thick, being nearly globular in shape, skin a bright beautiful mottled green. Flesh bright red, firm and heavy but crisp, melting and exceedingly sweet. Is not only a good keeper, but it improves in quality for a long time after ripening.

—**Cole's Early.** An early variety that is claimed will mature in any latitude where the season is as long as that of New York State. A fine melon, of medium size, almost round in shape, green, striped a lighter shade. Thin rind, bright red flesh of a delicate texture.



COLE'S EARLY WATER MELON

MELON—CITRON (PRESERVING)

Melon, Citron. Standard everywhere for making preserves; slightly striped, round in shape. Makes the most beautiful, delicious, clear, transparent preserves. You should have this variety in your garden. It grows wonderfully prolific. ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Colorado Mammoth.** This is quite distinct from the ordinary preserving citron, the seeds being of light green color. It is immensely productive. The flesh is very firm and solid, with few seeds. The preserving qualities are he very finest. You should try it. ¼ lb., 20c.; oz., 10c.; pkt., 5c.

OUR PRIZE WINNER ONIONS

FR., *Ognon.* GER., *Zwiebel.*

An ounce will sow 100 feet of drill. Four to five pounds to the acre. The Onion thrives best in a rather deep, rich, loamy soil, and, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. The best culture requires that the ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to pulverize. As early in the spring as the ground is in working order, commence operations, levelling the ground with a rake, and tread it firmly; sow thinly in drills about a quarter of an inch deep, and one foot apart; cover with fine soil, and press down with the back of spade or a light roller. When the young plants are strong enough, thin gradually, so that they stand three or four inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply, or to collect it about the growing bulbs.

Our Onion Seed has a splendid reputation, and no pains will be lacking to maintain its present high standard. Choice American Grown Seed.

Onion, Giant Prizetaker. The largest, handsomest, finest flavored, best shaped, most superior yellow globe onion ever introduced. This simply magnificent onion is certainly a wonder. There has never been an onion in the Dominion that could equal it. **Our select strain produced, the past season, onions averaging 2 pounds each; thirty filled a heaped bushel basket. This is not unusual.** Of a clean bright straw color, it always grows to a uniform shape, which is a perfect globe. It has a very small neck, and it always ripen up hard and fine, without any stiff-necks. Regarding its keeping qualities, experience proves it to be an excellent keeper—say till the end of February. Per lb., $1.75; ¼ lb., 50c.; oz., 20c.; pkt., 5c.

—**Yellow Globe Danvers.** Early round, very small neck, fine grained, mild flavor, immensely productive and an excellent keeper. Per lb., $1.20; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—**Early Flat Yellow Danvers.** Differs from the Globe strain only in shape, being more flat. Very productive. Per lb., $1.20; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—**Large Red Wethersfield.** The staple variety, very productive, large size, deep red color, pleasant flavor and an excellent keeper. Per lb., $1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Extra Early Flat Red.** Matures very early, yields abundantly, and is of mild flavor; medium size, deep red, close grained, solid and heavy; highly recommended, **particularly for the north and north-west, and even there it will produce good-sized onions.** Per lb., $1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Southport Red Globe.** Beautiful globe-shaped, rich, purplish crimson; a good keeper and of superior quality. Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Southport White Globe.** A large, globe-shaped onion, firm, fine-grained, of mild flavor; keeps well; of beautiful shape, clear white skin. Per lb., $2.35; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Southport Yellow Globe.** A very large, handsome globular-shaped yellow variety, productive, of mild flavor, excellent keeper. Per lb., $1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**White Portugal, or Silverskin.** A handsome onion, of mild flavor, but not a good keeper; for summer and fall use. Per lb., $2.35; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Prizetaker Red Globe.** A new, large, handsome onion, globular in shape, of a rich, dark red color, very solid and pleasant flavored. In uniform growth, earliness and color, a decided leader. A grand exhibition variety, and an enormous crop producer when properly grown. Per lb., $3.00; ¼ lb., 80c.; oz., 25c.; pkt., 5c.

—**Extra Early Australian Brown** Is of medium size, wonderfully hard and solid and most attractive for market, both as to form and appearance. The illustration was engraved from a photograph. They are extremely early in ripening, and never make any stiff-necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly, when the plant is not over three inches high. Planted with the Red Wethersfield, it proved to be nearly three weeks earlier and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep longer in good condition than any other onion known. The color of the skin is a clear amber-brown. Per lb., $1.75; ¼ lb., 50c.; oz., 20c.; pkt., 5c.

FOREIGN ONIONS

The following varieties have been tested in this country, and have given perfect satisfaction. The flavor of the Italian varieties is mild, and they are in every way well adapted to culinary purposes.

Onions, Adriatic Barletta. A very early, small, pure white variety, having a very delicate silver skin, flesh firm and mild in flavor. Its great merit over all others is its extreme earliness. For pickling purposes it is unequalled. Per lb., $2.75; ¼ lb., 75c.; oz., 25c.; pkt., 5c.

—**White Queen.** A silver skinned variety, of quick growth and remarkable keeping qualities. If sown in early spring it will produce onions 1 to 2 ins. in diameter early in summer, and if sown in July will, with favorable weather, be ready to pull late in autumn. Particularly valuable for pickles. If sown thickly they will mature perfect, hard onions from ½ to ¾ of an inch in diameter. Per lb., $2.60; ¼ lb., 70c.; oz., 25c.; pkt., 5c.

—**Mammoth Silver King.** Large size, flat, skin silvery white, flesh pure white; exceptionally mild, delicate flavor. Per lb., $2.60; ¼ lb., 70c.; oz., 25c.; pkt., 5c.

—**Small Silverskin.** Pickling. A small French variety, used extensively for pickling; very early. Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Giant Yellow Rocca.** A splendid large variety, globular-shaped, bright brown or yellow skin and delicate flavor. Succeeds best in a warm situation. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Giant Brown Rocca.** A well known variety, of very mild, delicate flavor, immense size, handsome globular shape, and light reddish brown skin. Per lb., $1.50; ¼ lb., 40c.; oz., 15c; pkt., 5c.

—**Welsh Red.** Skin reddish brown and remarkably hardy; used for fall sowing. Per lb., $1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Giant White Italian Tripoli.** Large size, beautiful form, fine, white skin. First season will grow an onion of from 1 to 1½ lbs.; but to attain full size, bulbs should be set out the following spring. Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Giant Red Italian Tripoli.** In shape and size like the Giant White Tripoli. Skin thin, rich blood-red; flesh white, fine grained. Per lb., $1.75; ¼ lb., 50c.; oz., 20c.; pkt., 5c.

ONION SETS **Special prices by the bushel on application.**

Prices for Onion Sets are based on market values at time of sale; we therefore are unable to quote bushel prices now, but shall be glad to give prices by letter, in season, to those who write. Prices, as quoted by the pound, pint and quart, include postage, and will stand unchanged during the season. As Onion Sets are liable to injury from frost, **we do not send them out until the weather is safe in spring.**

Onion Sets, New White Multiplier. These are a pure silvery white color, enormously productive, frequently producing as many as 20 bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green, or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their keeping qualities are remarkable, having kept perfectly sound for a year; but their most important quality is extreme earliness, being ready for market from three to four weeks ahead of other Onion Sets. Pint, 20c.; quart, 35c.; 3 quarts for $1.00.

—**Dutch Sets (Yellow).** Pint, 15c.; quart, 25c.; two quarts, 45c.

—**Shallots.** Quart, 18c.; two quarts, 35c.

—**Top, or Button Onions.** Pint, 18c.; quart, 30c.

—**English Potato Onions.** Lb., 20c; two lb., 35c.

—**Egyptian, or Perennial Tree Onion.** These are for fall planting, very hardy, and a great favorite, producing green Onions in the spring before any other variety. Orders booked during spring will be forwarded in time for planting in the fall. Quart, 20c.

—**Garlic Sets.** Per lb., 25c.; 30c. per lb. post-paid.

The above prices are approximate values post-paid, subject to market fluctuations.

PARSLEY Fr., *Persil*; Ger., *Petersilie*. **One ounce will sow 150 feet of drill.**

Parsley succeeds best in rich, mellow soil. The seeds germinate very slowly. It should be sown early in spring, previously soaking the seeds for a few hours in tepid water. Sow thickly in rows a foot apart, and half an inch deep. For winter use protect in a frame or light cellar.

Parsley, Champion, Moss Curled. Very select stock, leaves crimped and curled; very fine for garnishing. Lb., $1 ¼ lb., 35c.; oz., 15c.; pkt., 5c.

—**Fine Triple Curled.** A fine dwarfish curled variety, hardy and slow in running to seed. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

PARSNIP Fr., *Pancais*. Ger., *Pastinake*

One ounce per 200 feet of drill; 5 to 6 lbs. in drills for an acre.

They do best on deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich, but fresh manure is apt to make the roots coarse and ill shaped. As the seed is sometimes slow to germinate, it should be sown as early as possible, in drills 20 inches to two feet apart; cover one-half inch deep, and press the soil firmly over the seed; give frequent cultivation and thin the plants four to the foot.

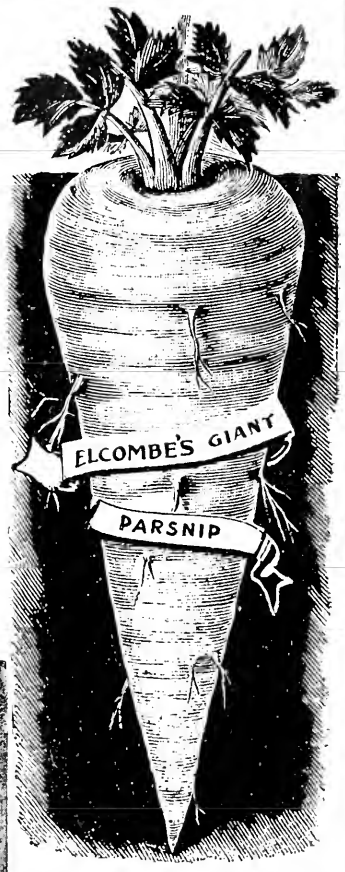
Parsnip, Elcombe's Giant. The largest, handsomest and best variety grown, of excellent quality, very sugary. Per lb., 60c; ¼ lb., 25.; oz., 10c.; pkt., 5c.

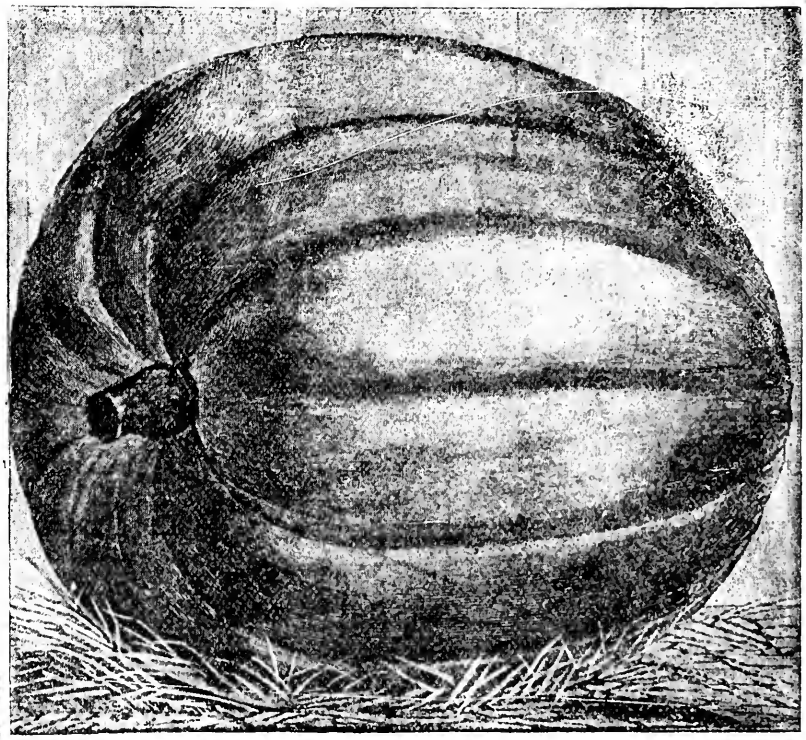
Price, each, per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Parsnip, Long Smooth, or Hollow Crown. One of the very best parsnips grown.

—**Guernsey.** Half long; the roots do not grow so long as the Hollow Crown, but are larger in diameter and more easily gathered; smooth, fine grained and of most excellent quality.

—**Student.** The roots of this variety are of moderate size, tapering regularly, clean yellowish skin.





MAMMOTH KING PUMPKIN

PEPPER Fr., *Piment*. Ger., *Pfeffer*.

The Pepper is much esteemed for its seasoning qualities, and is extensively used for pickling. The seed should be sown early, to be ready for transplanting when the weather becomes warm. Plant ten inches apart and keep well hoed.

Prices, except where noted, per oz., 40c.; per pkt., 5c.

Pepper, Guthrey's Giant. This new variety is the "Goliath" of the pepper family. They grow uniformly to a very large size, of brilliant scarlet color, and in flavor just hot enough to be pleasant.

—**Ruby King.** A handsome and very productive variety; fruits from four to six inches long by three and a half to four inches broad. When ripe they are bright ruby red; remarkably mild and pleasant.

Celestial. One of the most useful varieties for culinary uses. Each pepper is beautifully variegated with bright golden and deep red, sometimes striped or variegated.

—**Golden Dawn.** A new variety, resembling the large Bell in shape, but more delicate in flavor; color is a rich golden yellow.

—**Large Red Bell or Bull Nose.** Of large size, sweet and pleasant; rind thick and tender. Per oz., 30c.; pkt., 5c.

—**Monstrous.** A popular French variety, growing 6 inches long, by 2 inches thick, sweet flavor.

—**Procopp's Giant.** They grow uniformly to a very large size, of brilliant scarlet color and in flavor just enough to be pleasant. Oz., 50c.; pkt., 5c.

—**Sweet Spanish, or Mountain.** A large and early variety; mild and pleasant; less pungent than some varieties. Per oz., 30c.; pkt., 5c.

—**Long Red Cayenne.** Fruit brilliant coral red, conical, intensely acrid, productive. Per oz., 30c.; pkt., 5c.

—**Chili.** Very small and prolific; generally used for making pepper sauce. Per oz., 30c.; pkt., 5c.

LARGE BELL, OR BULL NOSE PEPPER.

PUMPKINS Fr., *Potiron*; Ger., *Kuberis*. **One ounce will plant 15 hills; 1½ pounds for an acre.**

These are easily grown and profitable for stock feeding. At time of corn planting scatter a few seeds in the hills, or for a large crop sow in May, in good warm soil, in hills 10 to 12 feet apart each way.

Pumpkin, Japanese Pie. Crook-necked variety, with extremely small seed cavity; nearly all solid meat; quality extra fine; productive; ripens early; medium size; good keeper. Per lb., $1 00; ¼ lb., 30c.; oz., 15c.; pkt., 5.

—**Jumbo, or Mammoth King.** This is the variety to be grown when the "biggest pumpkin" is wanted. The color of skin is a deep yellow, the flesh being of a lighter shade, somewhat resembling a squash. Per ¼ lb., 50c.; oz., 20c.; pkt., 10c.

—**Grey Mammoth.** A French variety; grows to an enormous size, frequently weighing 100 to 150 pounds. specimens have weighed 200 pounds; used mainly for stock feeding; oblong in shape, of a greyish colored rind and very large seeds. Per lb., $1.75; ¼ lb., 50c.; oz., 20; pkt., 10c.

—**Large Cheese, or Kentucky.** One of the best for table use; productive; skin, orange; flesh, yellow and sweet. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Nantucket, or Negro.** Small dark shell, warted; fine flavor; the variety from which the old-fashioned pumpkin pies were made. Lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

—**Sweet, or Sugar.** Small, but fine grain and very sweet. Per lb., $1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

—**Connecticut Field.** Very productive; largely grown for feeding stock. Per lb., 25c.; ¼ lb., 10c.; pkt., 5c.

Prosperity or Greatness

PEAS

Fr., *Pois*; Ger., *Erbsen*.

2½ to 3 bushels for an acre.

Sow Peas in drills not less than four inches deep, about one pint to forty feet, in warm, well enriched soil. The drills must not be nearer than two feet, except for the lowest sorts. Those growing three feet high or more should not be nearer than three or four feet, and should have brush for their support. The large fine wrinkled varieties are not as hardy as the small sorts, and if planted very early, should have a dry soil, or they are liable to rot. It is well to sow the earliest Peas just as soon as possible; in two or three weeks after make another sowing—a few more early and some for late crop.

The crop should be gathered as fast as it is fit for use. If even a few pods begin to ripen, new pods will not only cease to form, but those partly advanced stop growing.

Please add 4c. per lb. for postage if wanted by mail.

EXTRA EARLY PEAS

Peas, The Steele, Briggs' Best Extra Early (2 feet), white dented. This "First of All" Pea possesses all the qualities most essential for a first-class variety, being extra early and ripening with great uniformity. About 45 days from planting is the average time for gathering the crop. Per 15 lbs., **$1.25**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**

—**Extra Early.** A good standard sort. Per 15 lbs., **$1.15**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**

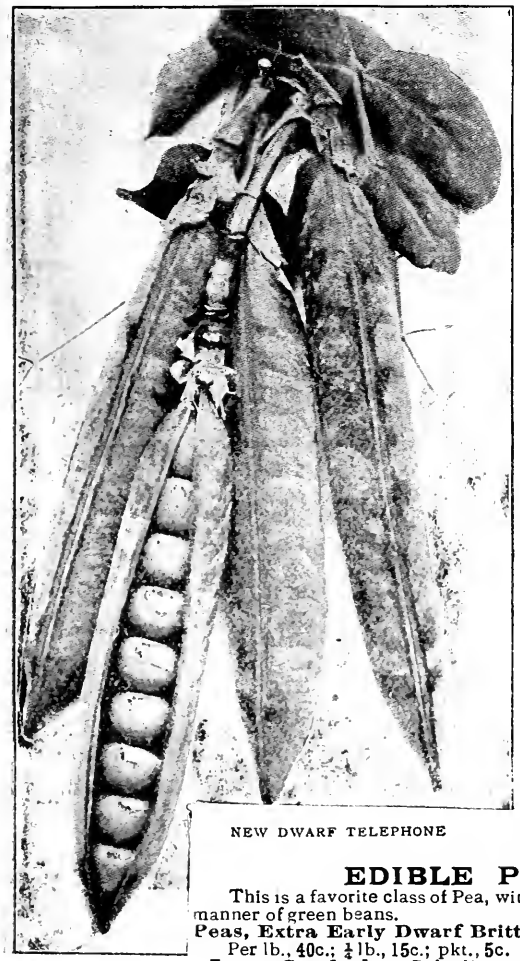
—**Alaska.** This blue Pea has become a standard variety, and is the earliest of all blue Peas; twenty inches high; very uniform, maturing crop for one picking; of excellent quality. Per 15 lbs., **$1.25**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**

—**American Wonder.** (9 inches). Green wrinkled. One of the earliest; finest quality, productive, of dwarf, compact growth; Per 15 lb., **$1.75**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

—**Nott's Excelsior.** (12 ins.). Vines larger and more vigorous than American Wonder; earlier and more prolific than Premium Gem. Pods well filled, Peas for sweetness and tenderness have no equal. Per 15 lbs., **$2**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

—**Premium Gem.** (15 in.). A great improvement over the Little Gem, nearly as early as the American Wonder, and the vine is decidedly larger, bearing an immense crop of pods, well filled with peas of the best quality. Per 15 lbs., **$1.75**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

—**Rural New Yorker.** Very early, prolific and uniform in ripening. Per 15 lbs., **$1.25**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**



NEW DWARF TELEPHONE

MEDIUM OR SECOND EARLY

Peas, The Admiral. (3½ feet). A grand second early variety; vines vigorous; pods large, usually borne in pairs, and filled with from 6 to 8 large peas of finest quality and color. Per 15 lbs., **$1.25**; 5 lbs., **60c**; lb., **15c.**; pkt., **5c.**

—**Horsford's Market Garden.** (5 ft.). A grand wrinkled variety, coming in between Premium Gem and Advancer. It is a prolific bearer, pods of medium size, and literally packed with peas of a delicious sweet flavor. 15 lbs., **$1.25**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**

—**Duke of Albany.** The pods are of immense size, of the style of "Telephone," except that they are dark green—and are filled with fine large peas. It grows about four feet high, is very prolific, matures very quickly, has the great advantage of possessing a rich flavor. 15 lbs., **$1.50**; 5 lbs., **80c.**, lb., **20c.**; pkt. **5c.**

—**McLean's Advancer.** (2 ft.). Green wrinkled variety; broad long pods of fine flavor and productive. Largely used among canners. Per 15 lbs., **$1.25**; 5 lbs., **60c.**; lb. **15c.**; pkt., **5c.**

—**Shropshire Hero.** (2 ft.). A second early wrinkled variety, covered from top to bottom with long, handsome and well-filled pods, with from 6 to 8 peas of superior flavor and quality. Per 15 lbs., **$1.25**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**

—**Heroine.** (2 ft.). Medium early green wrinkled Pea, large, recurved, showy pods, immense cropper, finest quality. Per 15 lbs., **$1.50**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

—**New Dwarf Telephone.** We have much pleasure in introducing this Pea, as we feel sure its dwarf vines, large handsome pods, well filled with peas of the highest quality, will make it exceedingly popular. Height 18 in.; habit, dwarf, stocky and vigorous. Season, medium. Pods frequently 5 in., broad, rounded or curved at end, color pale green, good lasting quality for market purposes. Seed of largest size, tender and of delicious flavor. Per 15 lbs., **$2.00**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

A SAFE PEA FOR THE MARKET GARDENER WHO EXPECTS TO HAVE THE FIRST EARLY AND BEST PEAS

MAIN OR LATE CROP

Peas, Pride of the Market. (2 feet). Is a strong-growing Pea, wonderfully productive. The pods are of large size and handsome appearance, and the peas are of splendid quality. Per 15 lbs., **$1.50**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

—**Improved Stratagem.** (2 feet). One of the very best. A heavy cropper, and produces large, remarkable well filled pods of excellent flavor. Per 15 lbs., **$1.50**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

—**Yorkshire Hero.** (2 feet). A splendid main crop Pea; very prolific, finely flavored, great cropper; branching. Per 15 lbs., **$1.15** 5 lbs., **40c.**; lb., **10c.**; pkt., **5c.**

—**Champion of England.** (5 feet). One of the richest and best flavored Peas grown; very productive. Per 15 lbs., **$1.30**; 5 lbs., **60c.**; lb., **15c.**; pkt., **5c.**

—**Telephone.** (4 feet). Wrinkled variety of strong growth; a good cropper, bearing immense pods of large peas of excellent flavor. Per 15 lbs., **$1.50**; 5 lbs., **80c.**; lb., **20c.**; pkt., **5c.**

EDIBLE PODDED OR SUGAR PEAS

This is a favorite class of Pea, with very tender, edible pods, and for table use is served up after the manner of green beans.

Peas, Extra Early Dwarf Brittany. (2 ft.). The earliest; pods long, somewhat sickle shaped. Per lb., **40c.**; ¼ lb., **15c.**; pkt., **5c.**

—**Large, Crooked or Scimitar.** (4 ft.). Large, often twisted, sometimes five inches long, and one inch or more broad. The best. Per lb., **40c.**; ¼ lb., **15c.**; pkt., **5c.**

RADISH

GER. *Rettig, oder Radieschen.*
FR., *Padis, Rave Petite et Tongue.*

Radishes thrive best in light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply-dug, finely-raked soil; if not well stimulated into a rapid growth they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. Sow winter varieties in July and August, like the turnip, they make the best growth in autumn, and must be taken out before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.

EARLY ROUND, OR TURNIP SHAPED

Radish, Earliest Deep Scarlet Turnip, White Tip. (Forcing or rapid forcing) A small, round, turnip shaped radish of bright scarlet, distinctly tipped with clear white, sharply delineated, which gives a very pleasing appearance to the bunches when ready for market. It grows so quickly that the radishes are ready to pull 15 to 20 days after sowing. Per lb., 90c.; ¼lb., 30c.; oz., 15c.; pkt., 5c.

—**Early Scarlet Turnip, White Tip.** (Forcing). same as above, only not so deep in color. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

—**Rosy Gem.** (Forcing). One of the earliest; perfectly globular; color rich, deep scarlet at the top, blending into pure white at the bottom, exceedingly tender and crisp, delicious. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

—**Early Scarlet Turnip, White Tip.** Handsome bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks all summer; quality always pleases. Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Early Scarlet Turnip.** Very early; in great demand for home use; small, round, with short top Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Early White Turnip.** Pure white, with small top; flesh pure white and semi-transparent. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Non Plus Ultra.** One of the best forcing Radishes in cultivation. Roots small, round, deep scarlet, crisp and tender; with a white flesh. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 6c.

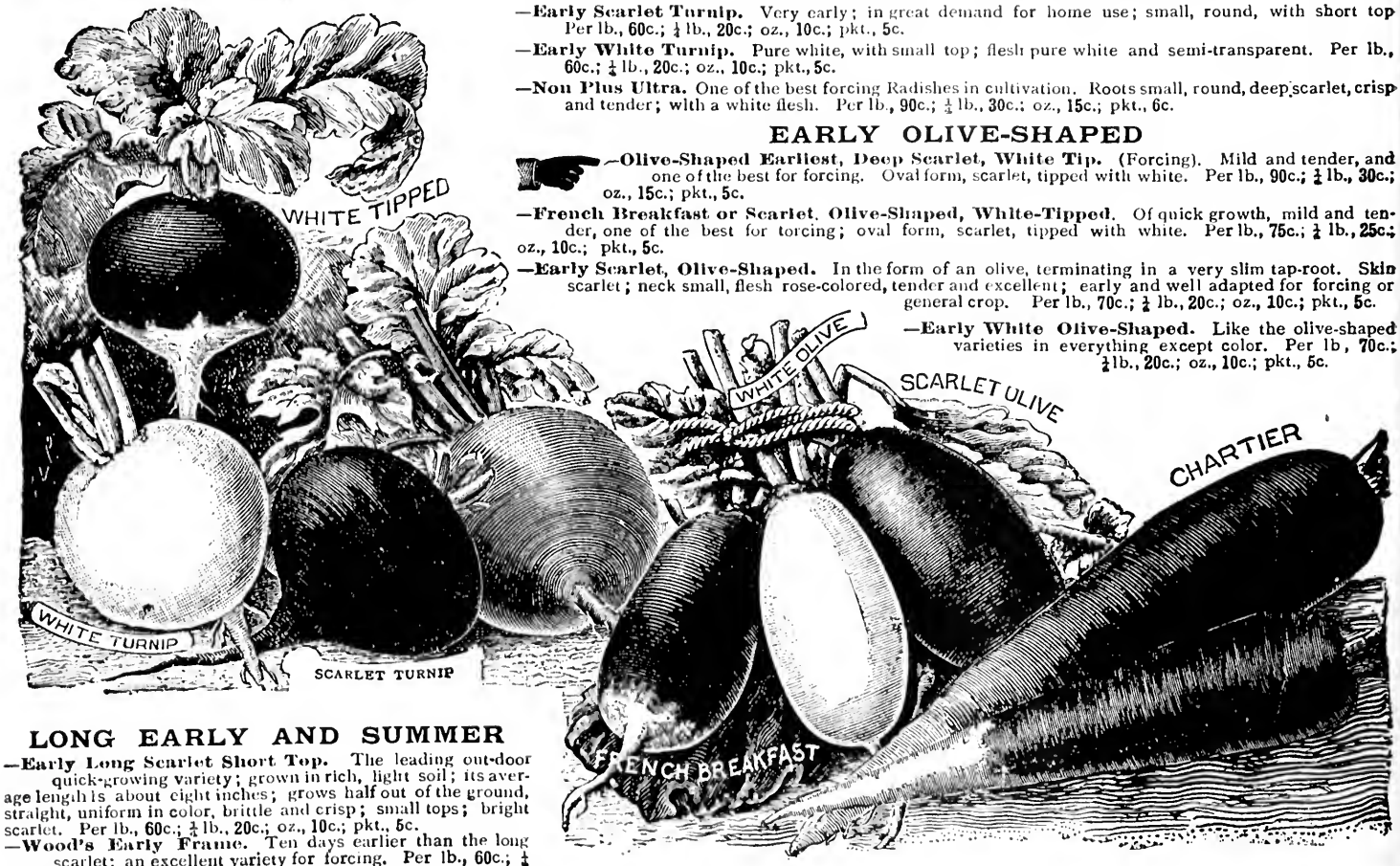
EARLY OLIVE-SHAPED

—**Olive-Shaped Earliest, Deep Scarlet, White Tip.** (Forcing). Mild and tender, and one of the best for forcing. Oval form, scarlet, tipped with white. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

—**French Breakfast or Scarlet, Olive-Shaped, White-Tipped.** Of quick growth, mild and tender, one of the best for forcing; oval form, scarlet, tipped with white. Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Early Scarlet, Olive-Shaped.** In the form of an olive, terminating in a very slim tap-root. Skin scarlet; neck small, flesh rose-colored, tender and excellent; early and well adapted for forcing or general crop. Per lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Early White Olive-Shaped.** Like the olive-shaped varieties in everything except color. Per lb, 70c.; ¼lb., 20c.; oz., 10c.; pkt., 5c.



LONG EARLY AND SUMMER

—**Early Long Scarlet Short Top.** The leading out-door quick-growing variety; grown in rich, light soil; its average length is about eight inches; grows half out of the ground, straight, uniform in color, brittle and crisp; small tops; bright scarlet. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Wood's Early Frame.** Ten days earlier than the long scarlet; an excellent variety for forcing. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Improved Chartier.** (Scarlet, White Tip). A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet-rose, shading into a pure waxy-white at the tip. Attains a large size before it becomes unfit for the table; undoubtedly the best all seasons radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender. Planted late it makes a good winter keeper. Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Pearl Forcing.** The color is pearl white, with waxy appearance, and the texture is very firm and solid. It is about a week later than Wood's Early Frame; but after they are ready for marketing they remain in eatable condition fully two weeks longer. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

—**Early Half-Long Deep Scarlet, or Paris Beauty.** An excellent intermediate sort, for forcing or open ground. Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Long Scarlet Improved.** The old standard family and market gardener's variety; long bright scarlet, with small top. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**White Strasburg.** The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white; the flesh is firm, brittle and tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

ST. MARTIN RHUBARB

WINTER VARIETIES

Sown in summer and used in the fall, or put away same as turnips. For winter use store in the cellar.

—**California Mammoth White.** Grown extensively in California; 8 to 12 inches long, 2 to 3 inches in diameter; white; solid; good flavor Per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Rose, or Scarlet China.** Certainly one of the best, and would be grown generally by radish growers if better known. Per lb. 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Long Black Spanish.** The popular winter sort. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Round Black Spanish.** Like the above, except in shape. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Chinese White.** Stump rooted, very like Nantes Carrot; 6 inches long; fine for winter. Per lb., $1.00; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

MIXTURES OF RADISHES

Summer Radishes Mixed. For use in family gardens we offer a mixture of seed of all the summer varieties. Per lb., 90c.; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

Winter Radishes, Mixed. Seed of the best white, black and rose skinned varieties for autumn and winter use. Per lb., $1; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

RHUBARB FR., *Rhubarbe;* GER., *Rhabarber.*

Sow in drills an inch deep, and thin out the plants to six inches apart. In the fall transplant the young plants into very highly manured soil, setting them three feet apart each way, and give a dressing of coarse manure every fall. The stalks should not be plucked until the third year, and the plant never allowed to exhaust itself by running to seed.

Rhubarb, Johnston's St. Martin. The finest and one of the earliest; an enormous size; the flavor is superior and requires less sugar than any other variety; color, delicate pink. Oz., 25c.; pkt., 5c.

—**Myatt's Linnæus.** A second early sort, with very long, thick stalks; deep green color; excellent flavor. Oz., 20c.; pkt., 5c.

—**Victoria, or Giant.** Later kind than the preceding; stalks red, thick, large, tender, of good quality. Oz., 20c.; pkt., 5c.

—**Rhubarb Roots.** Each, 15c.; 4 for 50c.; $1.50 per doz., post-paid.

SPINACH Fr., *Epinard.* Ger., *Spinat.*

Sow in good rich soil, in drills one foot apart, covering the seed one inch deep, at intervals of two weeks from April to July. For winter use sow in August and protect with a covering of straw during cold weather. Sow 1 oz. to 100 feet of drill; 12 lbs. per acre.

Price, each, lb., 30c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Spinach, Victoria. This grand Spinach has shown on trial grounds a distinct improvement on any of the old sorts. The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance and of the finest quality, but the most remarkable feature that will make it of special value, both for market and family gardens, is the fact that it was in prime condition from two to three weeks after all other varieties had run to seed.

—**Bloomsdale, Savoy-Leaved.** The leaves are numerous, succulent, curled and wrinkled like a Savoy Cabbage. It produces a larger crop than the ordinary sorts, and is also the hardiest of all the varieties.

—**Flanders.** A large, broad-leaved, hardy variety, very productive, and good for either fall or spring sowing.

—**Round Thick Leaved Summer.** Produces large, thick, dark green leaves, somewhat crumpled, and possesses the valuable quality of standing a long time.

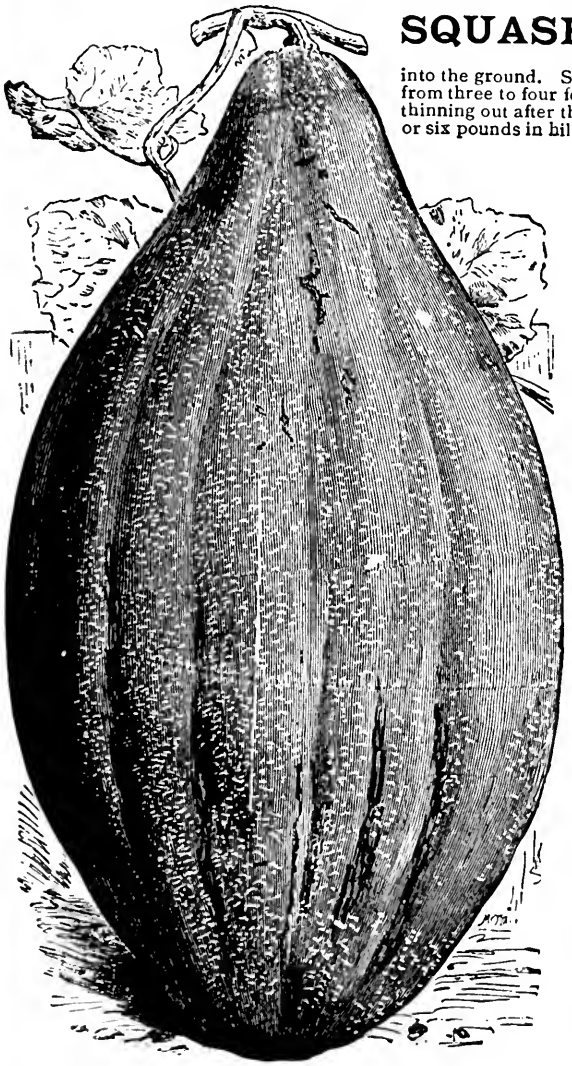
—**Long Standing.** An improved round-leaved strain of excellent merit, having all the good qualities of the ordinary sorts. It is especially desirable as it goes to seed much later than any other variety.

—**Monstrous Round-Leaved Viroflay.** Resembling the preceding in shape of its leaves, but is of much larger size.

—**Prickly or Fall.** One of the earliest; most generally used for fall sowing.

SQUASH Fr., *Courge.* Ger., *Kurbiss.*

The Squashes are of tropical origin, and therefore it is useless to plant them until the soil is quite warm, and all danger of frosts and cold nights is over; and as they make a very rapid growth there is no necessity for haste in getting the seed into the ground. Squashes are good feeders, and like rich soil; it is best to manure in the hill. Allow for the bush varieties from three to four feet each way, and for the running sorts six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three of the strongest plants. One ounce for fifty hills; five or six pounds in hills for an acre.



MAMMOTH WHALE SQUASH

SUMMER VARIETIES

Price, each, lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Squash, Golden Bush Scalloped. Deep orange color, grown for first crop; esteemed for earliness.

—**White Bush Scalloped.** Like the above except in color, which is a creamy white.

—**Summer Crookneck.** One of the best summer squashes. Of dwarf bushy habit and exceedingly productive. Flesh greenish yellow, dry and of the most agreeable flavor found in squashes.

VEGETABLE MARROW

—**English Vegetable Marrow.** Skin greenish yellow; flesh white, soft and of a rich flavor; quite distinct. Lb., $1 20; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

—**Long White Bush Marrow.** Longer than preceding; creamy white; good quality. A profitable market sort. Lb., $1.20; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Italian Striped Marrow.** Fruit slightly narrowed at stalk; skin smooth, dark green, striped yellow or paler green; tender, delicately flavored. Lb., $1.20; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

AUTUMN AND WINTER SORTS

Price (except where noted), per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Squash, Mammoth Whale. This new squash produces the most magnificent mammoth squashes we have ever seen. They are often three feet long, of a dark rich color, and sometimes weigh over one hundred pounds. Its greatest diameter is near the blossom end, and tapers from there to each end; this peculiar form, together with its immense size, doubtless suggested the name Mammoth Whale. It is very prolific; the vines are robust and hardy. The flesh is solid, of a beautiful orange-yellow color and of excellent quality. It is a good winter keeper. Per pkt., 10c.

—**Boston Marrow.** A good, tender, rich variety, for fall and winter; very productive.

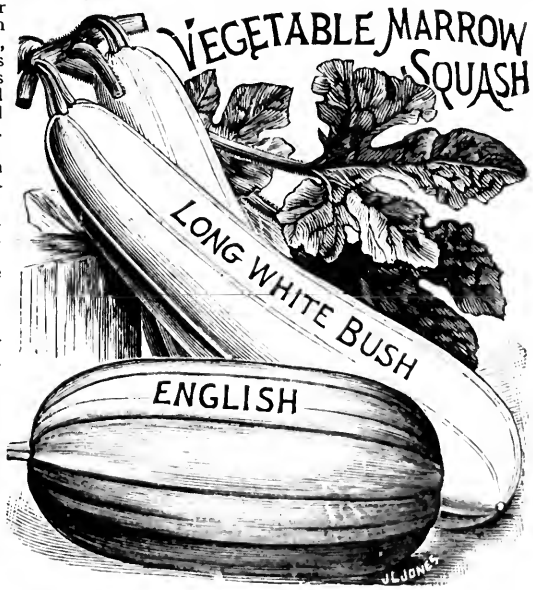
—**Essex Hybrid.** Richest flavored, finest grained and sweetest of the squash family; the very best keeper. Per lb., 60c.

—**Hubbard.** More largely grown as a late sort than any other; of large size; flesh fine grained, dry and of excellent flavor. Per lb., 60c.

—**Marblehead.** An excellent winter squash; good keeper; dry, sweet and delicious.

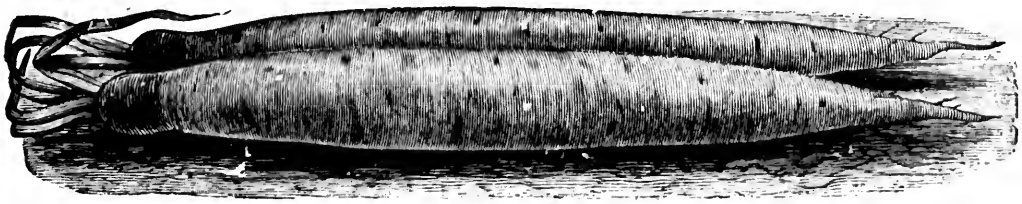
—**"Pike's Peak," or Sibley.** The shell is very thin, smooth and of a pale green color; flesh solid, thick, bright orange color, with a delicate rich flavor. Per lb., 60c.

—**Warty Hubbard.** This wartiness indicates a very hard shell, one of the best features in a long-keeping squash; it also denotes extra choice quality—the harder and more warty the shell of a Hubbard Squash is, the more delicate and sweet the flesh will be found. Per lb., 70c.



SALSIFY OR VEGETABLE OYSTER

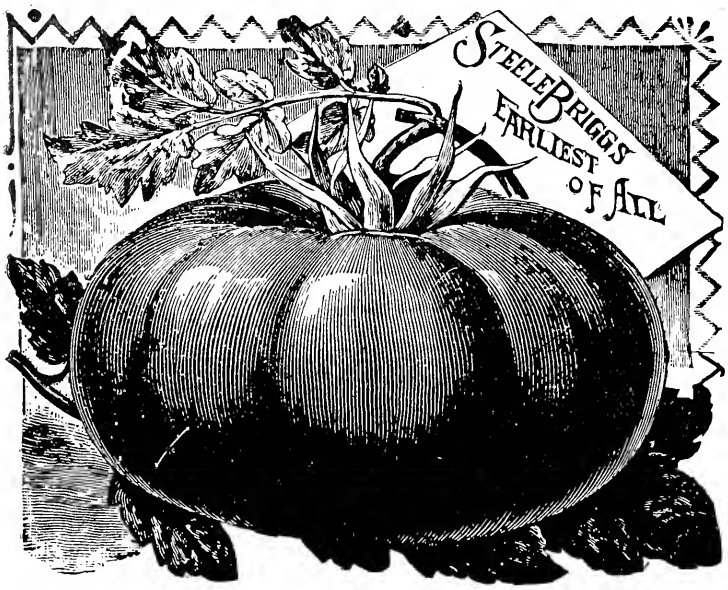
The Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has a grassy top, and a long, white, tapering root, nearly resembling a small parsnip. It closely assimilates to the taste and flavor of the oyster when properly cooked, and is a good substitute for it; very wholesome and nutritious. The roots are either boiled or mashed and made in fritters, in which form they are delicious.



SANDWICH ISLAND SALSIFY

Salsify, Long White. The well known standard variety. Per lb., $1.25; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

—**Sandwich Island Mammoth.** Of extra large size, and fully equal in quality to the popular old variety mentioned above. Per lb., $2 00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.



TOMATO

Fr., *Tormate;* Ger., *Liebesapfel.*

1 oz. for 1,500 plants; ¼ lb. (to transplant) for an acre.

Sow seeds in the middle of March and April in the hot-bed, or in a box in a sunny place in the house. To make very healthy stocky plants they may be transplanted when about 2 or 3 inches high. When 5 or 6 inches high, if the ground has become warm, transplant to the open ground. Set the plants 4 feet apart.

Following varieties (except where noted), each, ¼ lb., 50c.; oz., 20c.; pkt., 5c.

Tomato, The True Ponderosa. This grand variety is the monster of the Tomato family, the Tomatoes often weighing 2 to 3 lbs. each; of a rich, bright crimson color and all solid meat, exceptionally free from seeds. ½ lb., $1.00; oz., 50c.; pkt., 10c.

—**The Aristocrat.** An excellent sort, resembling in habit of growth and foliage the Dwarf Champion, but the color of the fruit is a fine, rich, glossy red. It is solid and smooth, and in size from medium to large. Valuable for forcing. ¼ lb., 60c.

—**Buckeye State.** A fine, new extra large Livingston sort, nearly one-half larger than Beauty, deep color, heavy, and of splendid quality.

—**Earliest of All (Steele, Briggs'.)** This Tomato has sustained its claim for extra earliness, and we consider it the earliest Tomato in cultivation. The Tomatoes are of a rich, dark red color and are entirely free from core. The vines are most profusely loaded with fruit and continue to bear throughout the season. ¼ lb., 60c.; oz., 20c.; pkt., 5c.

—**Golden Queen or Sunrise.** Smooth, solid and productive. Color a beautiful yellow, and there is none better for preserving. ¼ lb., 70c.; oz., 25c.; pkt., 5c.

—**Livingston's Magnus.** It is unsurpassed in quality and in the production of fine, large fruit. It is perfectly adapted to main crop planting, yet matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive; flesh is very firm. It is a robust grower with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruit is very deep from stem to blossom end. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Pkt., 10c.

—**Early Ruby.** The earliest of all the large-sized Tomatoes, which combines good form, color and solidity; is certain to prove the leading market variety.

—**Dwarf Champion.** Quite distinct in foliage and habit, compact and upright; fruits early and resembles the Acme. ¼ lb., 70c.; oz., 25c.; pkt., 5c.

—**The New Stone.** Ripens for main crop; is very large and of bright scarlet color; very smooth; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed; is an excellent shipper; quality the very best. ½ lb., 60c.

—**Livingston's Royal Red.** Bright scarlet, and the reddest throughout of any. Size, smoothness, productiveness and solidity will please the most fastidious.

—**Mayflower.** This is one of the earliest large Tomatoes. Of splendid shape, perfectly smooth, of a bright red color, and ripens uniformly up to the stem.

—**Potato Leaf.** A mammoth variety, like Mikado or Turner's Hybrid, careful tests show it much smoother, and as good. ½ lb., 70c.; oz., 25c.; pkt., 5c.

—**Mikado, or Turner's Hybrid.** Purplish red; good, when well ripened; foliage distinct; generally quite smooth. ¼ lb., 70c.; oz., 25c.; pkt., 5c.

—**Atlantic Prize.** One of the earliest; not only ripens its first fruits, but a large proportion of the crop, earlier than any other sort; valuable to all with whom earliness is an object. The originator claims it to be much earlier than any other; a beautiful, symmetrical and meaty Tomato.

—**Imperial** is highly recommended by leading growers.

—**Acme.** Medium; red; smooth and very fine.

—**Matchless.** Of a rich, cardinal red color; symmetrical in form; free from core; of large size; a good healthy grower.

—**Ignotum.** Very prolific; earliest of the large red smooth sorts.

—**Optimus.** Uniform in size, produced in clusters of four or five; each of remarkable size; ripens evenly, free from cracks and blemishes; flesh of a crimson scarlet color.

—**Conqueror.** A very early sort, with medium sized fruit of finest flavor.

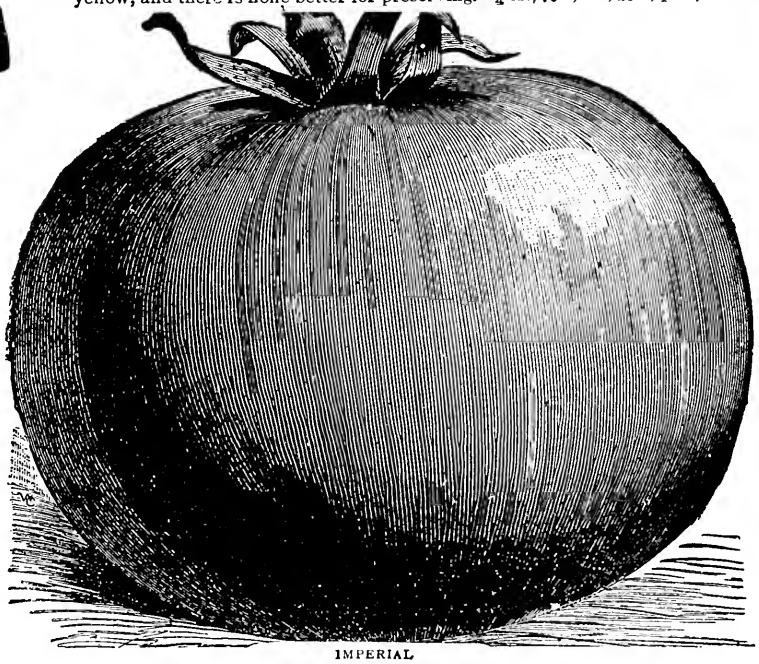
—**Beauty (Livingston's.)** One of the best; round, smooth, and a glossy crimson, slightly tinged with purple; solid, free from cracks and rot.

—**Perfection.** (Livingston's). Early, evenly large and very productive.

—**Favorite.** (Livingston's). One of the handsomest; very smooth.

—**Trophy.** An old favorite, unsurpassed in flavor and productiveness.

—**Honor Bright.** Fruit when fully ripe is a rich bright red. Skin is nearly crack-proof; an enormous cropper.



IMPERIAL

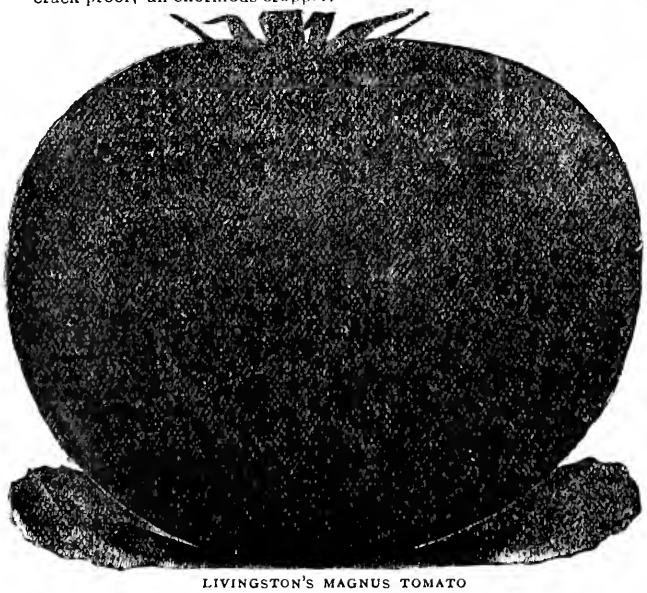
FANCY AND PRESERVING SORTS

Tomato, Yellow Peach. This is a deep lemon yellow. Soft leathery skin, which is such a distinguishing feature of the Peach variety, and is also desirable for cooking purposes. Both this and the Purple Peach have a flavor peculiar to this variety, are without rival for eating from the hand, and may be easily pulled. Per oz., 30c.; pkt., 5c.

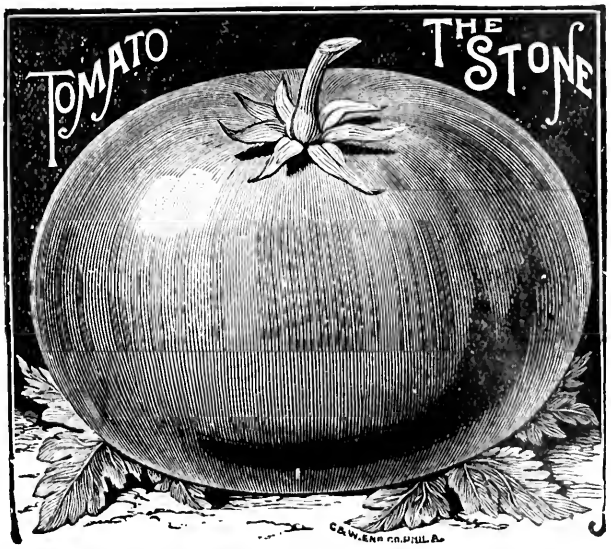
—**Purple Peach.** Very distinct; fruit of uniform size, resembling a peach in shape, size and color, which is a deep orange rose, covered with a delicate bloom like a peach, the flesh being of a rich and most delicious flavor. Per oz., 30c.; pkt., 5c.

—**Strawberry, or Barbadoes Gooseberry.** A distinct variety; the fruit has a juicy pulp of a pleasant strawberry-like flavor, with a certain degree of sweetness and acidity intermixed; with the assistance of lemon juice it is frequently preserved like plums. Per oz., 60c.; pkt., 10c.

—**Pear-shaped, Yellow, Red Currant, Yellow Cherry, Red Cherry, Yellow Plum.** Each, per oz., 50c.; pkt., 5c.



LIVINGSTON'S MAGNUS TOMATO



STEELE, BRIGGS PRIZE WINNER
COLLECTION OF VEGETABLES.
CABBAGE VANDERGAW.
CELERY PARIS GOLDEN YELLOW.
BEET BRIGGS EXTRA EARLY.
LETTUCE TORONTO GEM.
CAULIFLOWER S.B. WHITEHEAD.
BEANS GOLDEN WAX.
ONION YELLOW GLOBE DANVERS.
PEAS HEROINE.
CARROT CHANTENAY.
TOMATO IMPERIAL.
CUCUMBER S.B. EVERGREEN
RADISH WHITE PEARL.
FOR 50¢

VARIETIES POTATOES

The soil best suited to the potato is a rich sandy loam, but it seems to thrive in almost any soil or climate. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground, 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking.

SHIPPING.—We begin sending out potatoes as early in spring as safe from frost. Quotations at peck, bushel and bag (90 lbs.) include cost of bags, but carriage must be paid by purchaser. When ordering please state if to be shipped by express or as freight, and name station to which they are to be sent. A bag of potatoes can be shipped by freight for about the same cost for carriage as a smaller quantity. When sent at long distances peck quantities may be sent by mail more cheaply than by express. The postage and extra packing for one peck is seventy-five cents. If to be mailed this amount must be added to peck prices. **By mail, quotations at pound and three pound quantities include postage.** Note our low prices.

NEW EXTRA EARLY "HERO"

The Earliest Potato in existence and the Heaviest Yielder known.

This splendid new variety is somewhat similar to that grand old sort "Early Rose," originating from a seed ball of that variety. In shape and color it is much similar though not quite as dark however, but much earlier, larger and of better quality, cooking dry and flowery whether baked or boiled. Like the Early Norther it seems to prosper in every condition of soil and climate. It is the largest yielding early sort we know of, being fully four days ahead of the Early Ohio, and yielding nearly double the quantity of marketable potatoes of the very best quailty.

J. B. Guthrey, Dixie, says:—"It is earlier than the Ohio, a much better yielder and of excellent quality."

Price, per lb., **25c.**; 4 lbs., **75c.**, post-paid; by freight or express at purchaser's expense, pk, **75c**; bush., **$2.25**; bag, **$3.00.**

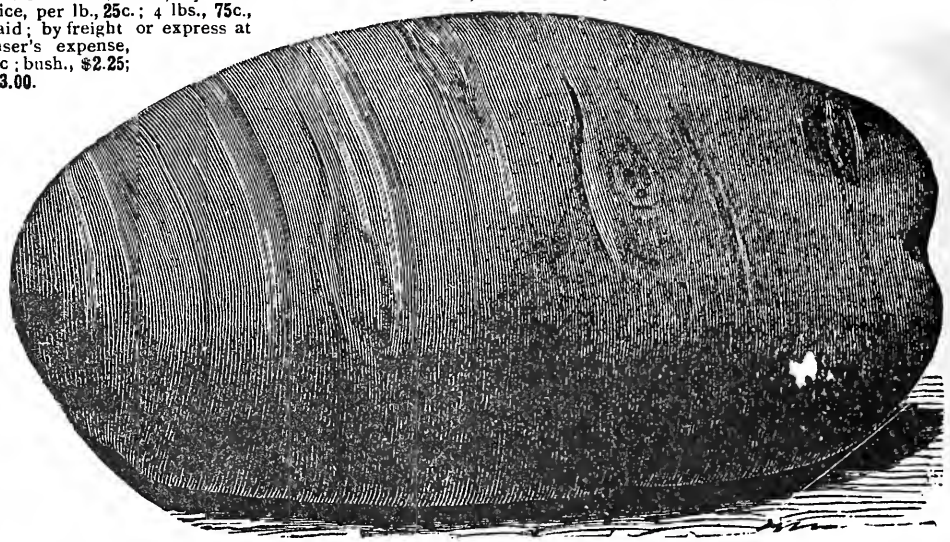
NEW EXTRA EARLY, "THE BOVEE"

One of the Earliest, and a Great Cropper

Not only is this one the earliest, but it takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. It compares favorably with Triumph, a light cropping variety that has only extreme earliness to recommend it, while the Bovee in all competitive trials has outyielded nearly all the early potatoes, and in many of the tests it has outyielded even the late varieties. The vine is dwarf and stocky, enabling it to be planted six inches closer than most other varieties, which results in a much larger return per acre, and is a feature of the utmost value where land is valuable. It sizes up to a marketable size more evenly than any Potato we ever saw; the whole crop being merchantable and the quality is perfect. It is apt to prove disappointing on poor soil or with poor cultivation, as it sets so freely the tubers are apt to be small. But well fertilized and cultivated, no early Potato compares with it. **Price, per lb., 20c.; 3 lbs., 50c. (post-paid); peck, 40c.; bush., $1.30. By express at purchaser's expense.**

LIGHTNING EXPRESS. **Extra Early and a heavy yielder.** Great claims have been made for this potato from reliable resources as to earliness and yield. It is said to be a week earlier than the "Early Norther." The tubers grow compact in the hill, with very few small ones, almost every one being of marketable size; the eyes are very shallow and the surface is smooth and regular. It is easily cultivated, the vine being strong and erect. Its exceptionally fine quality makes it an excellent variety for the table, and its earliness renders it a very profitable potato for the market. **Price, 1 lb., 20c.; 3 lbs., 50c. (post-paid); peck., 40c.; bush., $1.30. By express at purchaser's expense.**

GEM OF AROOSTOOK. A robust, healthy grower, of excellent quality for table use, either baked or boiled; is dry, floury and white. For handsome tubers and large yield it is not surpassed. The shape is well shown in the engraving. Potatoes color differently in different soils and localities, and this one came pure amber color the past season in one locality and pink in another, where it was sent for trial. We recommend this as the best second early; to secure it order early, as our stock is limited. **Price, per lb., 20c.; 3 lbs., 50c. (post-paid); peck, 50c.; bush., $1.50. By express at purchaser's expense.**



GEM OF AROOSTOOK

RESULTS FROM SOWING STEELE, BRIGGS' SEEDS

Extract taken from Toronto Globe, 8th Sept., 1900.

TORONTO INDUSTRIAL EXHIBITION.

Prize Vegetables and Roots Grown from Steele-Briggs' Seed Company's seeds by Messrs. J. Allen, J. B. Brown, W. E. Brown, Wm. Burgess, J. Dandridge, J. B. Guthrey, Wm. Harris, W. G. Rook and George Symes.

Beet—Best 6 Turnip Rooted, round type, 1st and 2nd prizes.
Beet—Best 6 Turnip Rooted, flat type, 1st and 2nd prizes.
Borecole or Kale—Best 3 specimens, 1st prize.
Cabbage—Best 3 heads of Henderson's Early Summer, 1st, 2nd and third prizes.
Cabbage—Best 3 heads Brunswick or Flat Dutch, 1st, 2nd and 3rd prizes.
Cabbage—Best 3 heads Winningstadt, 1st, 2nd and 3rd prizes.
Cabbage—Best 3 heads Surehead or Succession, 1st, 2nd and 3rd prizes.
Cabbage—Best 3 heads Red, 1st, 2nd and 3rd prizes.
Cabbage—Best 3 heads Savoy, Drumhead, 1st, 2nd and 3rd prizes.
Cabbage—Best 3 heads Savoy, Green Globe, 1st, 2nd and 3rd prizes.
Cabbage—Best collection 10 varieties, 1st, 2nd and 3rd prizes.
Cauliflower—Best 3 heads of Erfurt, 1st, 2nd and 4th prizes.
Cauliflower—Best 3 heads Snowball, 1st, and 4th prizes.
Cauliflower—Best 3 heads any other variety, 1st, 2nd and 4th prizes.
Carrots—Best 6 Intermediate Stump Rooted, 2nd prize.
Carrots—Best 6 Pointed Roots, 1st, 2nd and 3rd prizes.
Corn—Best 12 ears, Sweet, 2nd and 3rd prizes.
Cucumber—Best 2 specimens frame or greenhouses, 1st and 2nd prizes.
Citron—Best 2 Red Seeded Variety, 1st and 2nd prizes.
Onions—Best 12 Flat White American Variety, 1st, 2nd and 3rd prizes.
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Onions—Best 12 Prizetaker, 1st, 2nd and 3rd prizes.
Onions—Best 1 qt. White Pickling, 1st prize.
Onions—Best 1 qt. Yellow Pickling, 1st and 2nd prizes.
Parsnips—Best 6 Hollow Crown, 1st and 2nd prizes.
Peppers—Best 12 Large Red, 1st, 2nd and 3rd prizes.
Radish—Best 4 varieties Winter, 1st prize.
Squashes—Best 1 each Hubbard and Boston, 1st, 2nd and 3rd prizes.
Squashes—Best collection of not more than 10, 1st and 2nd prizes.
Tomato—Best 6 Atlantic Prize, 1st and 2nd prizes.
Tomato—Best 6 Dwarf Champion, 1st and 3rd prizes.
Tomato—Best 6 Imperial, 1st prize.
Tomato—Best collection of small varieties, 1st and 3rd prizes.
Turnips—Best 6 White Stone or Snowball, 1st prize.
Turnips—Best 6 Golden Ball, 1st prize.
Peppers—Best collection, 1st and 3rd prizes.
Sugar Beet—Red Top (Royal Giant), 1st and 2nd prizes.

STEELE, BRIGGS' PRIZE WINNER
COLLECTION OF VEGETABLES.
CABBAGE VANDERGAW.
CELERY PARIS GOLDEN YELLOW.
BEET BRIGGS EXTRA EARLY.
LETTUCE TORONTO GEM.
CAULIFLOWER S.B. WHITEHEAD.
BEANS GOLDEN WAX.
ONION YELLOW GLOBE DANVERS.
PEAS HEROINE.
CARROT CHANTENAY.
TOMATO IMPERIAL.
CUCUMBER S.B. EVERGREEN
RADISH WHITE PEARL.
FOR 50¢

NEW AND SELECT VARIETIES POTATOES

The soil best suited to the potato is a rich sandy loam, but it seems to thrive in almost any soil or climate. **Plant** as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light warm soil about 4 inches, and in cold wet ground, 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking.

SHIPPING.—We begin sending out potatoes as early in spring as safe from frost. Quotations at peck, bushel and bag (90 lbs.) include cost of bags, but carriage must be paid by purchaser. When ordering please state if to be shipped by express or as freight, and name station to which they are to be sent. A bag of potatoes can be shipped by freight for about the same cost for carriage as a smaller quantity. When sent at long distances peck quantities may be sent by mail more cheaply than by express. The postage and extra packing for one peck is seventy-five cents. If to be mailed this amount must be added to peck prices. **By mail, quotations at pound and three pound quantities include postage.** Note our low prices.

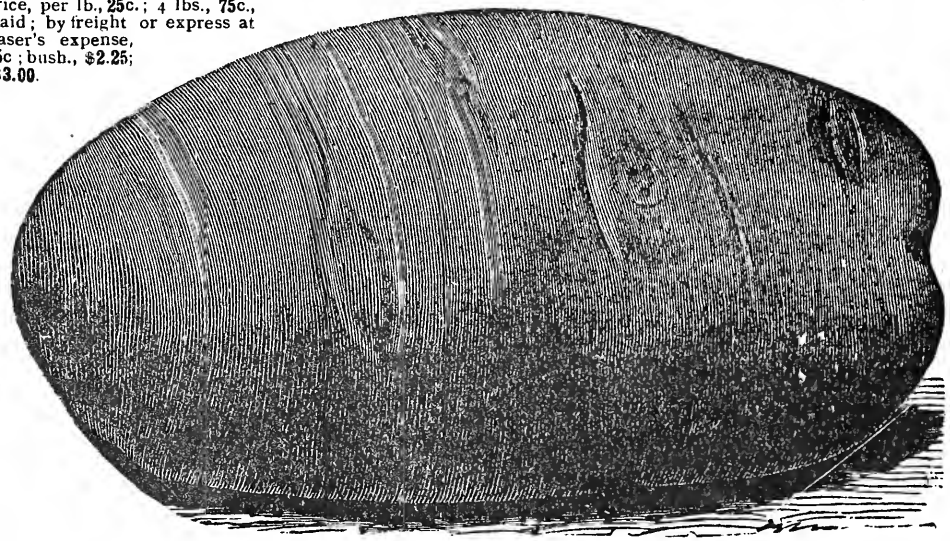
NEW EXTRA EARLY "HERO"

The Earliest Potato in existence and the Heaviest Yielder known.

This splendid new variety is somewhat similar to that grand old sort "Early Rose," originating from a seed ball of that variety. In shape and color it is much similar though not quite as dark however, but much earlier, larger and of better quality, cooking dry and flowery whether baked or boiled. Like the Early Norther it seems to prosper in every condition of soil and climate. It is the largest yielding early sort we know of, being fully four days ahead of the Early Ohio, and yielding nearly double the quantity of marketable potatoes of the very best quality.

J. B. Guthrey, Dixie, says:—"It is earlier than the Ohio, a much better yielder and of excellent quality."

Price, per lb., **25c.**; 4 lbs., **75c.**, post-paid; by freight or express at purchaser's expense, pk, **75c**; bush., **$2.25**; bag, **$3.00**.



GEM OF AROOSTOOK

NEW EXTRA EARLY, "THE BOVEE"

One of the Earliest, and a Great Cropper

Not only is this one the earliest, but it takes a leading place among the heavy cropping varieties, an unusual thing among first earlies. It compares favorably with Triumph, a light cropping variety that has only extreme earliness to recommend it, while the Bovee in all competitive trials has outyielded nearly all the early potatoes, and in many of the tests it has outyielded even the late varieties. The vine is dwarf and stocky, enabling it to be planted six inches closer than most other varieties, which results in a much larger return per acre, and is a feature of the utmost value where land is valuable. It sizes up to a marketable size more evenly than any Potato we ever saw; the whole crop being merchantable and the quality is perfect. It is apt to prove disappointing on poor soil or with poor cultivation, as it sets so freely the tubers are apt to be small. But well fertilized and cultivated, no early Potato compares with it. **Price, per lb., 20c.; 3 lbs., 50c. (post-paid); peck, 40c.; bush., $1.30. By express at purchaser's expense.**

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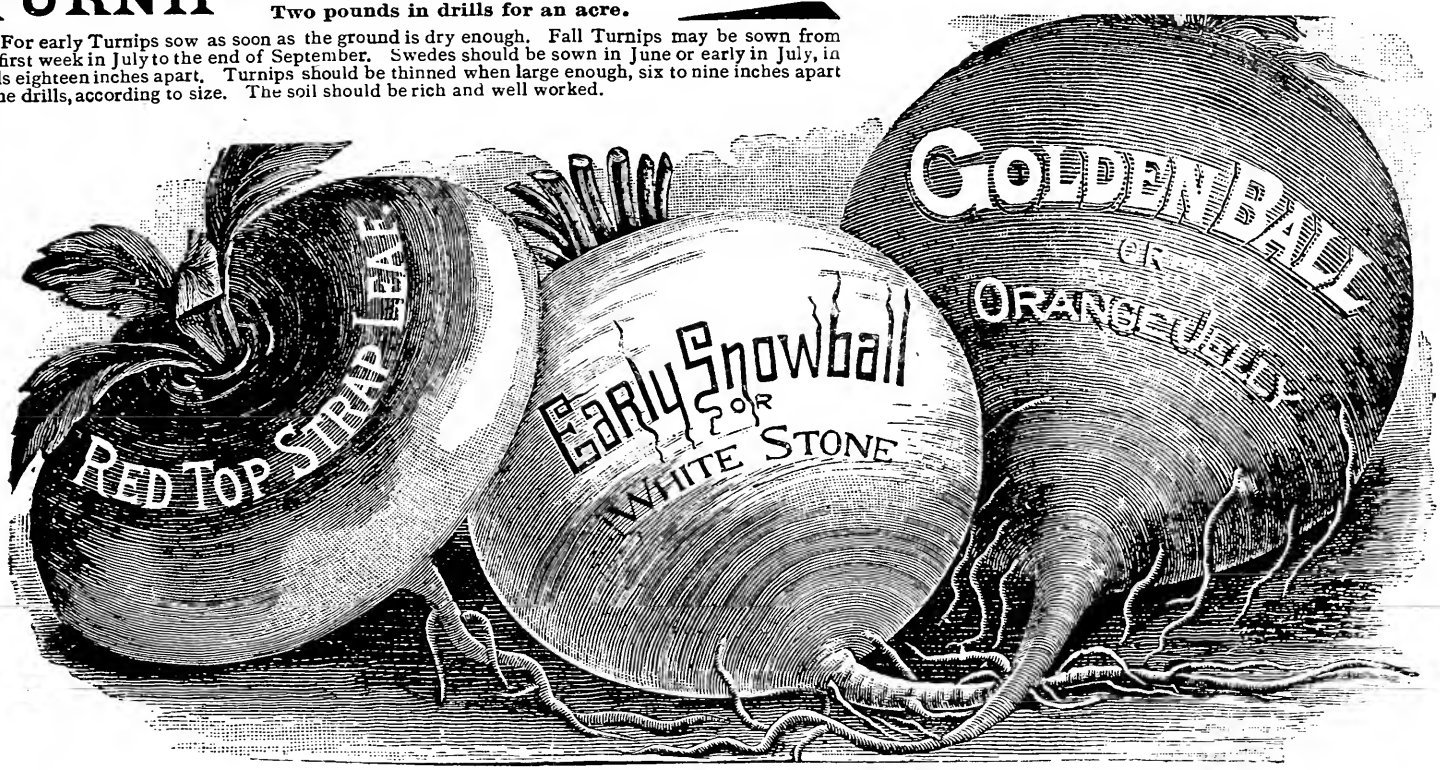
Sugar Beet—Red Top (Royal Giant), 1st and 2nd prizes.

TURNIP

FR., *Navet*; GER., *Steckrube*.

Two pounds in drills for an acre.

For early Turnips sow as soon as the ground is dry enough. Fall Turnips may be sown from the first week in July to the end of September. Swedes should be sown in June or early in July, in drills eighteen inches apart. Turnips should be thinned when large enough, six to nine inches apart in the drills, according to size. The soil should be rich and well worked.



Turnip, Extra Early Milan. Early, with purple top and strap leaf; mild and sweet. Per lb., 80c.; ¼ lb., 25c.; ⅜ oz., 10c.; pkt., 5c.

—**Extra Early White Milan.** As early as the Early Purple Top Milan, and possesses all of its good qualities. The entire bulb, inside and out, is clear ivory-white in color; the outer surface is perfectly smooth. It grows so quickly that even the outer surface of the bulb is quite tender. Its table qualities are unequalled, being of most delicate flavor and tempting appearance. It will undoubtedly find a welcome in our markets, as, in addition to the heavy crop assured by its adaptability for close planting, it will be found to be fit for use at least a week earlier than any other white variety in cultivation. Price, per lb., 90c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

—**Early Snowball, or White Stone.** A fine garden variety; globe shaped; medium size; firm texture. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Jersey Half-Long White.** Nearly cylindrical, but swollen at the lower end. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Large Amber Globe.** One of the best varieties either for table use or for a field crop for stock. Flesh yellow, fine grained and sweet, color of skin yellow, with green top. Hardy, keeps well, a good cropper, and grows to a very large size. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Large White Globe, Strap Leaf.** Flesh white, firm and crisp; a very desirable early variety. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Golden Ball, or Orange Jelly.** Of excellent flavor; globe-shaped; bright yellow color; a superior table variety. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Red Top, Strap Leaf.** Rapid grower and of mild flavor; the most popular variety for early use for the table. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**White Six Weeks, or Nimble Dick.** Very early; fine shape; small top and excellent flavor. Per lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Sweet German.** Should be sown a month earlier than flat Turnips. The flesh is white, hard, firm and sweet, and keeps well. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Early White Flat Dutch, Strap Leaved.** Roots medium size, flat; color white; sweet and tender. It is desirable for table use. Per lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

—**Laing's Purple Top, Strap Leaf.** An excellent variety for the garden or field; medium size. Per lb., 30c.; ¼ lb., 10c.; pkt., 5c.

—**Hazard's Swede.** This is undoubtedly the finest Swede for table use; juicy, and of exquisite flavor when cooked. Per lb., 30c.; ¼ lb., 10c.; pkt., 5c.

TOBACCO

The seed should be sown as early as possible after the danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring on the ground intended for the seed bed; then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high transplant into rows six feet apart each way, and cultivate thoroughly with plow and hoe.

Tobacco, Connecticut Seed Leaf. This is an old and well tried variety; produces immensely on good soil. Per oz., 25c.; pkt., 5c.

—**Bradley Broadleaf.** The popular variety for several types—noticeably manufacturing and cigars. Per oz., 30c.; pkt., 5c.

—**General Grant.** It produces leaves forty-four inches in length, and matures very far north. Per oz., 30c.; pkt., 5c.

—**Improved White Burley.** This is largely used in the manufacture of cigars where a light colored wrapper is desirable. The leaf is light colored, very fine texture. Oz., 40c.; pkt., 5c.

—**Quesnelle.** One of the best. Per oz., 25c.; pkt., 5c.

—**Havana, Choice.** An early variety, and the best of the Americanized Havanas. Our seed is of exceptionally fine quality. Per oz., 40c.; pkt., 5c.

OTHER STANDARD SORTS

—**Bonanza,** oz., 35c.; pkt., 5c.
—**Zimmer's Spanish,** oz., 40c.; pkt., 5c.
—**Lacks or Beat All,** oz., 35c.; pkt., 5c.
—**Hester,** oz., 30c.; pkt., 5c.
—**Yellow Pryor,** oz., 30c.; pkt., 5c.
—**Big Havana,** oz., 30c.; pkt., 5c.
—**Improved Yellow Oronoko,** oz., 35c.; pkt., 5c.
—**Improved Yellow Prior,** oz., 35c.; pkt., 5c.
—**Comstock Spanish,** oz., 40c.; pkt., 5c.

SWEET, POT AND MEDICINAL HERBS

No garden is complete without a few herbs for culinary and medicinal purposes, and care should be taken to harvest them properly. This should be done on a dry day, just before they come into full bloom, then dried quickly and packed closely, entirely excluded from the air. Sow in spring in shallow drills, one foot apart, and when well up thin out and transplant to a proper distance apart.

Anise (*Pimpinella Anissum*). Used for cordial, garnishing and flavoring; the seeds have an agreeable, aromatic taste. Per oz., 20c.; pkt., 5c.

Balm (*Melissa Officinalis*). Principally used for making balm tea or balm wine for use in fevers. Per oz., 25c.; pkt., 5c.

Basil, Sweet (*Ocimum Basilicum*). The leaves and tops of the shoots are used for highly seasoned dishes, soups, stews and sauces; a leaf or two is sometimes introduced into salads. Per oz., 25c.; pkt., 5c.

Borage (*Borago Officinalis*). Much used in clarets and other drinks. An excellent bee plant. Per oz., 25c.; pkt., 5c.

Caraway (*Carum Carui*). The seeds are used in confectionery and medicine; in spring the under leaves are sometimes put in soups. Per oz., 15c.; pkt., 5c.

Catnip (*Nepeta Cataria*). A favorite medicinal herb; a mild nervine for infants. Per oz., 60c.; pkt., 5c.

Coriander (*Coriandrum Sativum*). Used for garnishing, and the seeds are used by confectioners. Per oz., 15c.; pkt., 5c.

Dandelion, Improved Cabbaging. The improved variety makes one of the earliest and best greens in cultivation. Per oz., 50c.; pkt., 5c.

Dill (*Anethum Graveolens*). The leaves are used in soups and sauces, and to put along with pickles. Per oz., 20c.; pkt., 5c.

Fennel (*Anethum Fœneculum*). The leaves boiled enter into many fish sauces, and raw form a beautiful ornament. Per oz., 20c.; pkt., 5c.

Horehound (*Marrubium Vulgare*). Principally used for cough remedy. Per oz., 20c.; pkt., 5c.

Hyssop (*Hyssopus Officinalis*). The leafy tops and flowers are gathered and dried for making Hyssop Tea and other purposes. Per oz., 25c.; pkt., 5c.

Lavender (*Lavendala Spica*). A popular aromatic herb. Per oz., 20c.; pkt., 5c.

Marigold, Pot (*Calendula Officinalis*). Per oz., 20c.; pkt., 5c.

Marjoram, Sweet. Per ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Marjoram, Pot (*Origanum Onites*). For seasoning. Per oz., 50c.; pkt., 5c.

Mint. Used for seasoning and garnishing. Per pkt., 10c.

Rosemary (*Rosemarinus Officinalis*). An aromatic herb. Per oz., 50c.; pkt., 5c.

Rue (*Ruta Graveolens*). Used for medicinal purposes; also given to fowl for the croup. Per oz., 30c.; pkt., 5c.

Saffron (*Garthamus Tinctorius*). Per oz., 20c.; pkt., 5c.

Sage (*Salvia Officinalis*). The leaves and tender tops are used in stuffing and sauces. Per ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Savory, Summer (*Satureia Hortensis*). Used for seasoning. Per ¼ lb., 30c.; oz., 15c.; pkt., 5c.

Savory, Winter or Perennial (*Satureia Montana*). Per oz., 20c.; pkt., 5c.

Thyme, Broad Leaved (*Thymus Vulgaris*). For seasoning, etc. ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Tansy (*Tanacetum Vulgaris*). Per oz., 40c.; pkt., 5c.

Wormwood (*Artemesia Absinthium*). Used for medicinal purposes; it is also beneficial to poultry, and should be planted in poultry grounds. Per oz., 25c.; pkt., 5c.

A COMPLETE DESCRIPTIVE PRICE LIST ON TOBACCO WILL BE SENT ON APPLICATION

OUR FAMOUS FARM SEEDS

TO INSURE A GOOD CROP USE OUR SEEDS

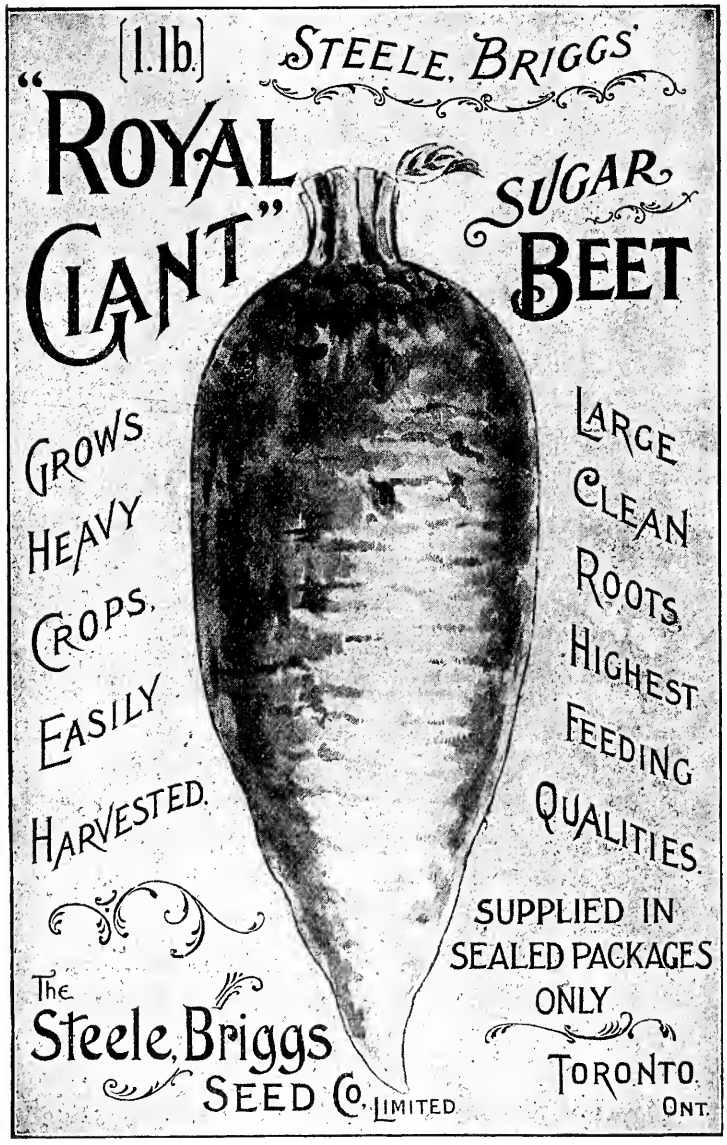
ROOT CROPS FOR FARM STOCK

IMPORTANT A good crop of Field Roots is a source of profit to every grower; to attain such results, much time, expense and labor are required in the preparation, cultivation and attending the crop, but unless good seeds are used the labor is in vain, and disappointment the reward. It is therefore of first importance to secure the best known seeds; but the poorest economy in the world is to pay good money for inferior, cheap and unknown strains; the grower cannot afford such chance; the ordinary risk of an unfavorable season and contingencies over which he has no control is very great with any and all crops; the use of good seeds will save the double risk.

Thousands of agriculturists in the Dominion attest to the good quality of our seeds and will use no other. We have a supply of the same good quality sufficient for thousands more. Our prices are right, and the facilities for every grower to obtain them are the most favorable.

AGRICULTURAL SEEDS BY MAIL.—Our postal arrangements enable us to forward parcels under five pounds in weight to any Post Office in the Dominion of Canada at four cents per pound. **Prices quoted "by mail" include postage.**

When ordering in quantity for shipment by freight or express, please add sufficient to cover cost of bags, at the rate of twenty cents each. When this is omitted we require to reduce the quantity sent to cover the cost of packages, as profits would not allow such a discount. Note conditions of sale on page 1.



SUGAR BEET

The Sugar Beet is acknowledged to be the finest food for Milch Cows. **It contains an immense amount of the most nutritious food and imparts a richness and flavor to milk superior to any other variety of roots.** They are easily grown and harvested, and keep well through winter. The ground intended for growing Sugar Beets should be manured in the fall preceding the season of crop; on freshly manured ground they are apt to be rooty should the season be dry. Prepare drills thirty inches apart as early in the spring as the ground can be worked, upon which sow from four to six pounds of seed per acre, covering about two inches deep. When harvesting care should be exercised to avoid bruising or breaking the roots. The following varieties are the best for stock feeding, but are not adapted for the production of Beet Root Sugar.

Steele, Briggs' Royal Giant Sugar Beet

A new and distinct type of Sugar Beet producing not only a **"Royal"** good crop, but roots of giant size and richest feeding quality. Upon our own grounds the past two seasons **it gave a yield of nearly 54 tons of clean roots per acre,** and 3½ tons per acre more than the heaviest producers of other sorts on the list. They have a small, clean top, and are easily trimmed. The roots are longer than Danish or any of the other varieties, heavy, even shaped, holding their size to the ground, when they gradually taper to a point; stand upright and three-fourths their length out of ground. They are so **EASILY HARVESTED** that they may be turned out by a push with the foot, free from small or prongy roots. The color of the roots is bronzy green nearest the top, the body a light green shaded, and changing to a bright rose above ground; the tip a lighter shade of rose. The flesh is white, solid, tender and very sweet, and imparts a rich, pleasant flavor to dairy products, when fed to milch cows. Our new "Royal Giant" is the heaviest cropping Sugar Beet known to us; the largest, handsomest and cleanest roots, the most easily harvested and the most profitable Sugar Beet to grow that we have ever tried. It has fully realized all we claimed for it, and is now become the leading favorite variety.

NOTE.--We supply "Royal Giant" Sugar Beet only in 1 lb. sealed packages as represented in the adjoining cut.

Price, lb., 40c., post-paid, 45c.; in 5 lb. lots and over, 35c., post-paid, 39c.

Steele, Briggs' Danish. Roots of medium length, shoulder broad with heavy body, gradually tapering to a clean point; grows half in the ground. Color, deep rose or red; flesh white, crisp and sugary; a heavy cropper and easily harvested. We offer a specially grown stock, and supplied in lb. sealed packages. Per lb., 35c., post-paid, 40c.; 5 lb. lots and over, 30c. per lb.; post-paid, 39c.

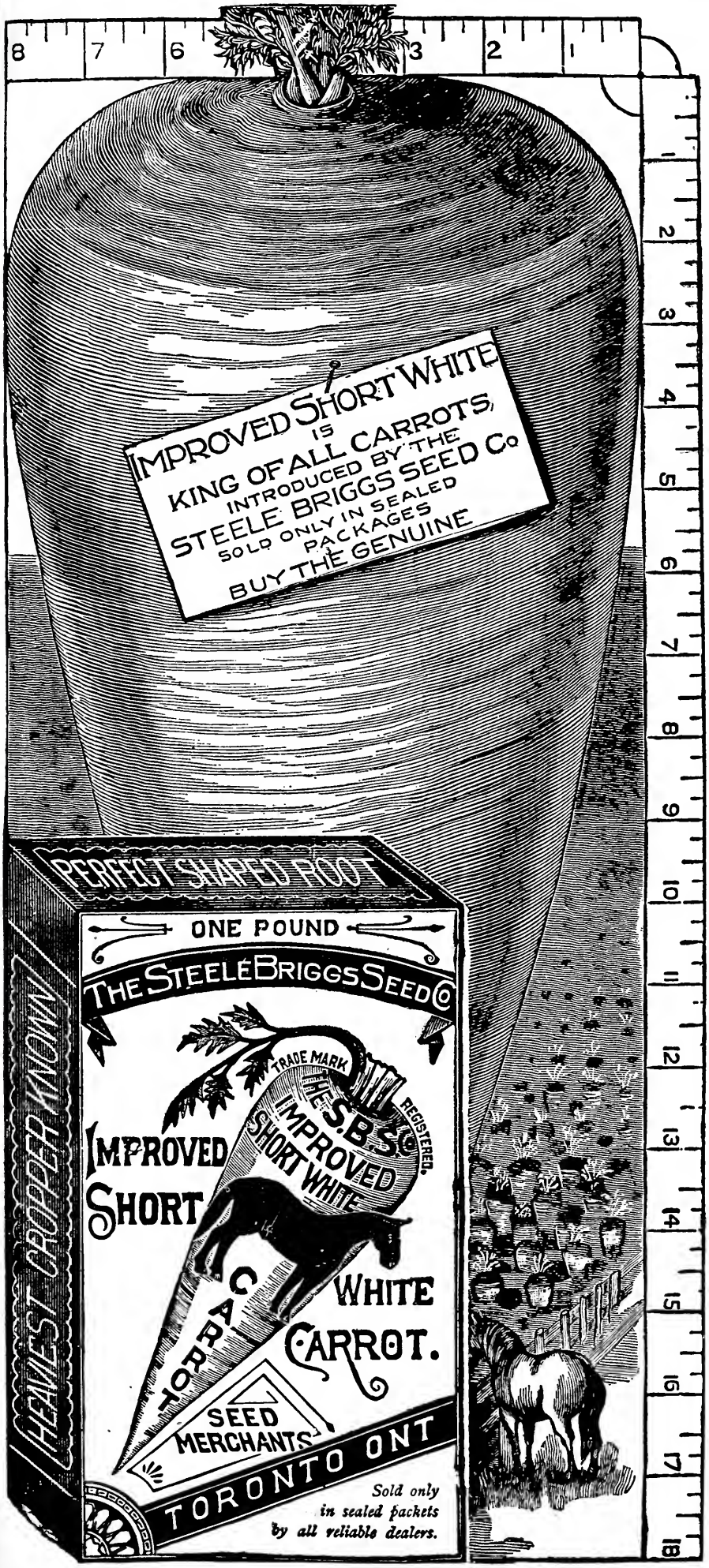
—RED TOP SUGAR. A standard variety of medium length, broad at shoulder and tapering to the point; a red shade of color above ground, rose-red beneath. Flesh white, rich and sweet; a grand cattle-feeding sort, and a good crop producer. ¼ lb., 10c.; lb., 25c., by mail, 29c.; 5 lb. lots and over, 20c. per lb.; by mail, 24c. lb.

—WHITE GREEN TOP. Differs from the "Red Top Sugar" in being green above ground; white beneath, stands partly out of ground, very sweet, and an excellent producing sort. ¼ lb., 10c.; lb., 25c., by mail, 29c.; 5 lb. lots and over, 20c. per lb.; by mail, 24c. per lb.

—IMPERIAL GREY TOP. Roots broad at shoulder, tapering to a point; stands deeply in the ground, but with few scraggy roots; color greyish green above ground, white beneath; flesh white, very solid, and surpasses all the red varieties in sweetness. A valuable sort for feeding. ¼ lb., 10c.; lb., 25c., by mail, 29c.; 5 lb. lots and over, 20c. per lb., by mail, 24c. per lb.

—LANE'S GREEN TOP. Similar to Imperial in habit of growth, but of a bronzy green color above ground; contains a large percentage of sugar, and stands high in merit for its rich feeding qualities with all who grow it. ¼ lb., 10c.; lb., 25c., by mail, 29c.; 5 lb. lots and over 20c. per lb., by mail, 24c. per lb.

—VILMORIN'S IMPROVED. Bulbs of a small size, but contain a larger percentage of sugar than any other variety on the list. It is chiefly grown in Europe for sugar-producing purposes, for which use it must be grown entirely under ground, but need not be so cultivated when grown for stock feeding purposes. It is somewhat rooty in harvesting, but will amply repay the additional labor by its superior quality. ¼ lb., 10c.; lb., 25c., by mail, 29c.; 5 lb. lots and over, 20c. per lb., by mail, 24c. per lb.



CARROT FIELD . . . VARIETIES

Sow seed in drills, eighteen to twenty-four inches apart, from middle of April to the first of June, and when about three inches high thin out from four to six inches apart. Carrots require deep, rich, loamy soil to produce heaviest crops, and should be prepared and manured the fall preceding the carrot crop. Two or three pounds is the usual quantity per acre.

NOTE.—Our stock of Carrots is all clean-rubbed seed, and can be sown as easily as turnip.

The Steele, Briggs Seed Co.'s

ORIGINAL

"Improved Short White"

CARROT

THE SUREST CROPPER.

THE HEAVIEST YIELDER.

The Handsomest Shaped,

EASIEST HARVESTED,

The Most Uniform Sized,

The Greatest Favorite

AND

The Very Best Field Carrot in Existence.

It may be properly called **"Little Giant."** Seldom exceeds sixteen inches in length, and has been grown to measure twenty-seven inches in circumference; stands nearly one-fourth out of ground, with a strong handsome top, broad and heavy at the shoulder, tapering evenly to a point as perfect as if turned in a lathe. The color is pale green above ground, and a light creamy white under ground; flesh rich white, solid, sweet and very nutritious. Under good cultivation has yielded one thousand bushels per acre.

AS AN EXHIBITION PRIZE WINNER IT HAS NO PEER.

PLEASE NOTE.

As a safeguard to those who wish to grow this favorite Carrot, we supply it in SEALED PACKAGES ONLY, bearing our name and trade mark, as represented on the accompanying illustration, and printed in colors which is a CERTAIN MARK OF GENUINENESS.

Those desiring this "Improved Short White" Carrot may be assured that they are buying the true variety by purchasing our Sealed Packages either direct from us or from resident merchants whom we supply.

PRICE (post-paid)

Lb., 65c.; ½ lb., 35c.; ¼ lb., 20c.; oz., 10c.

STANDARD SORTS

—**Large White Belgian.** Grows one-third out of the ground, root pure white, green above ground, with small top; flesh rather coarse, but the roots on light, rich ground grow to a large size, and are extensively grown for stock feeding. Per ¼ lb., 15c.; lb., 35c.; by mail, 40c. lb.

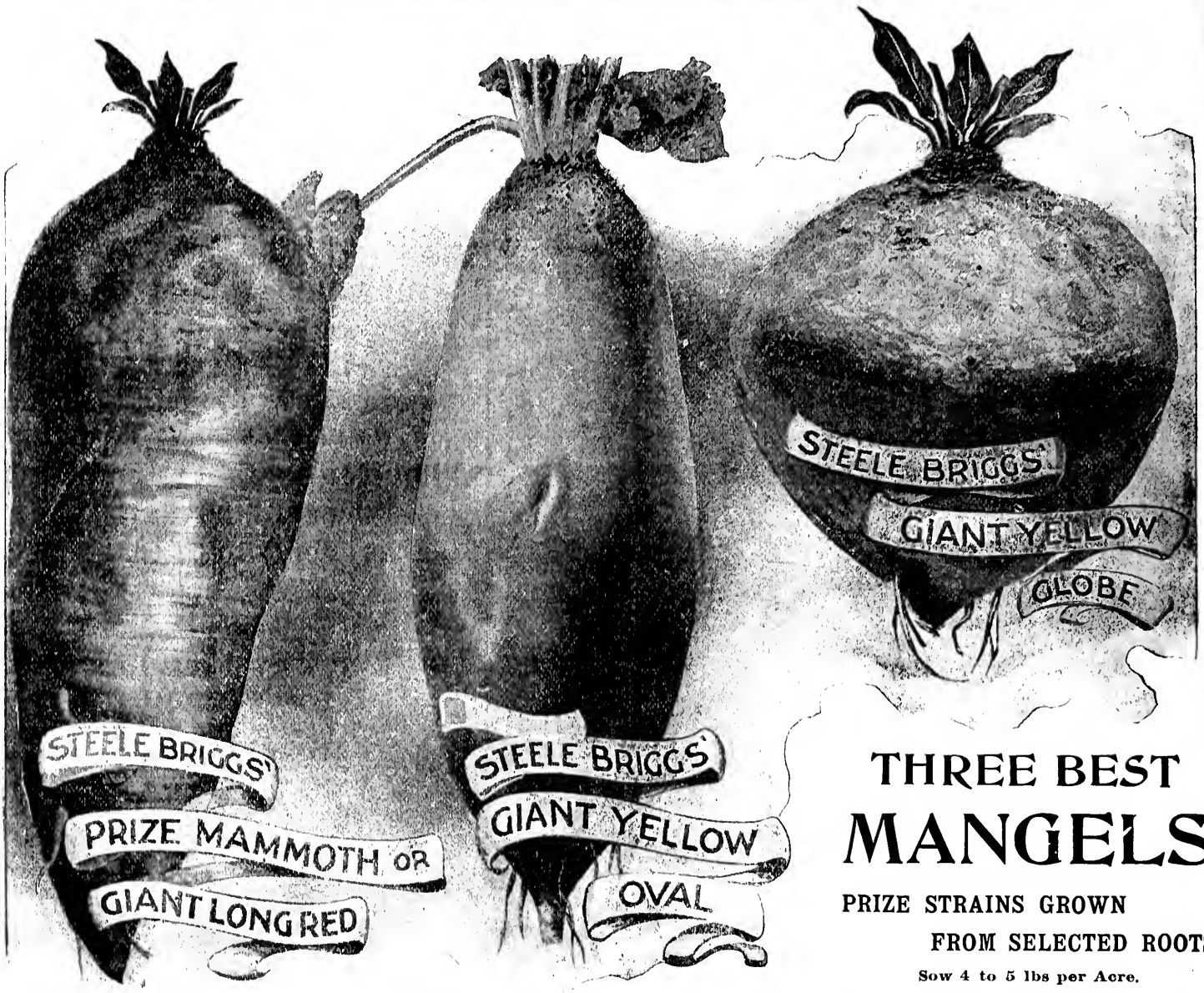
—**Long Yellow or Orange Belgian.** (Green Top.) Not so heavy a cropper as the White Belgian, but of richer quality. Per ¼ lb., 15c.; lb., 50c.; by mail, 55c.

—**White Vosges, or Giant.** Produces a medium-sized root, very short, with heavy shoulder; pure white and of excellent quality; grows almost entirely underground, making it a little difficult to harvest. It is quite different in manner of growth and shape and yields less per acre than our "Improved Short White," for which it has been sold, but in no way to be compared to that variety. Per ¼ lb., 20c.; lb., 60c.; by mail, 65c.

—**Long Orange or Red Surrey.** A popular field variety, large, fine quality, and tapers regularly to a point. Per ¼ lb., 15c.; lb., 50c.; by mail, 55c.

—**James' Scarlet Intermediate.** Very smooth and tapering regularly to a point, second early. Per ¼ lb., 20c.; lb., 60c.; by mail, 65c. lb.

—**Long Red Altringham.** Bright red color and crisp; excellent for table. Per ¼ lb., 20c.; lb., 60c.; by mail, 65c.



THREE BEST MANGELS

PRIZE STRAINS GROWN FROM SELECTED ROOTS

Sow 4 to 5 lbs per Acre.

For a good crop of Mangels, select a deep, rich loam. The heaviest crops are invariably grown upon land which has been liberally manured and thoroughly cultivated. Artificial manures applied at the rate of from 500 to 1,000 lbs per acre, with the addition of 300 to 400 lbs. of salt, will increase the yield per acre to a very large and profitable extent. Sow any time from the middle of April to the end of May, in drills from 2 to 3 feet apart, covering the seed a uniform depth, and thin the plants to 12 to 15 inches in the row. The long varieties do best in a deep sandy loam; the round varieties the same, if possible, but the latter will succeed well on strong, stiff land.

Mangel, Giant Yellow Intermediate. A great improvement on Yellow Intermediate, of considerably larger size, growing more than half above the ground. Remarkably even in shape, rather elongated, of vigorous growth, and has a fine neck; flesh white, firm and sweet. We highly recommend this new variety, as it makes a magnificent root, is easily lifted from the ground, produces enormous crops, and is an excellent keeper. ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lbs or over, 20c. (by mail, 24c.).

Yellow Intermediate or Ovoid. Same as above, but not as perfect in shape. ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lbs or over, 20c. (by mail, 24c.).

Yellow Leviathan. Root long, olive shaped, large, growing over one-half out of the ground; flesh white, sweet and tender; tops bright green, comparatively small; neck small, short. Next to the Giant Yellow Intermediate, this is one of the best. Its fine flesh never becomes woody, and its roots grow so well out of the ground that the crop is easily harvested. ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lbs. or over, 20c. lb. (by mail, 24c.).

Steele, Briggs' Prize Mammoth, or Giant Long Red. There is no other root crop grown which produces so large an amount per acre of desirable cattle food for winter feeding as the Prize Mammoth or Giant Long Red Mangel. Under high cultivation over 2,000 bushels per acre have been grown. To secure the best results good seed must be sown. Our strain of Mammoth Long Red is exceptionally fine and expressly grown for our own trade from selected well-shaped roots. Dealers and growers who have used it for years past prefer it to any other long red variety. Has a distinct appearance; roots are massive, straight and regular in size, broad shouldered, small top, free from coarseness and of most excellent feeding and keeping qualities. ¼ lb., 10c.; lb., 22c. (by mail, 26c.).

—**Mammoth Long Red, or Saw Log.** A good variety. ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lbs or over, 20c. per lb. (by mail, 24c.).

—**Long Red.** (Selected Stock.) Roots of immense size; stands well out of ground; color light red; flesh white and rose; firm and crisp. Our stock is of superior quality. ¼ lb., 10c.; lb., 20c. (by mail 24c.); 5 lbs. or over, 18c. per lb. (by mail, 22c.).

—**Red Globe.** A large, round variety, of excellent quality, productive and a good keeper; color light red, flesh white; better adapted to shallow soil than the long varieties. ¼ lb., 10c.; lb., 22c. (by mail 26c.); 5 lbs. or over, 20c. per lb. (by mail, 24c.)

—**Yellow Globe.** (Select). Similar to Red Globe, except color; equally productive; color light yellow; handsome shape and good keeper. ¼ lb., 10c.; lb., 20c. (by mail, 24c.); 5 lbs. or over, 18c. per lb (by mail, 22c.).

Steele, Briggs' Giant Yellow Oval. It is remarkably even in shape, rather elongated and of vigorous growth; it has a fine neck; large leaves with green stems and a very smooth, fine skin. The flesh is white, firm and sweet, greatly relished by cattle, easily lifted (growing more than half above the ground), producing an enormous crop, and is an excellent keeper. ¼ lb., 10c.; lb., 25c. by mail, 29c.); 5 lbs. or over, 23c. (by mail, 27c.).

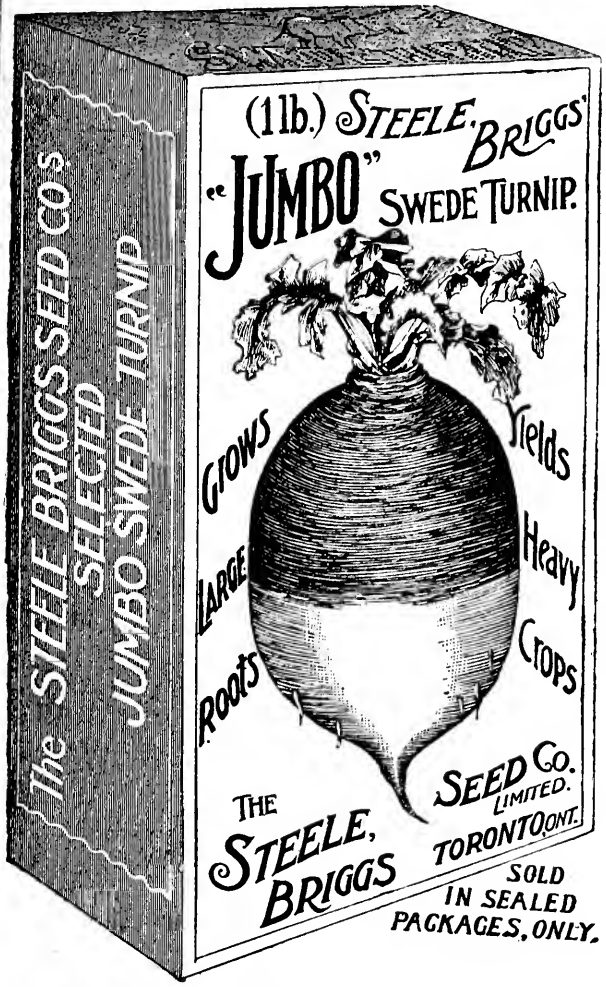
—**Golden Fleshed Tankard.** Most nutritious variety in cultivation, roots large, ovoid, but tilled out at top and bottom, terminating with a small tap root; flesh deep golden yellow, solid, crisp, sweet and rich; excels all others in milk producing qualities, and very productive. It has no superior as a keeper. We have known Mangels of this variety to be kept sound and crisp, and in full flavor till June. ¼ lb., 10c.; lb., 25c. (by mail, 29c.); 5 lb. lots, 23c. (by mail, 27c.).

Steele, Briggs' Giant Yellow Globe. (New.) The finest Yellow Globe in cultivation. Roots are of immense size, fine shape, single tap root and neat top. The flesh being remarkably firm and fine grained, renders it an excellent keeping variety. ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lb. lots and over, 20c. per lb. (by mail 24c.).

—**Orange Globe.** Roots medium size, uniformly globe shape, having a very small tap and few side roots; color deep orange yellow; flesh white and of excellent quality. ¼ lb., 10c.; lb., 20c. (by mail 24c.); 5 lbs. or over, 18c.; per lb. (by mail, 22c.).

—**Red Intermediate.** Half long, of a somewhat oval shape, grows well out of ground, is easily harvested and well adapted to heavy soils; a good cropping variety; skin of a deep red color; flesh firm, and a good keeper. ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lbs. or over, 20c. per lb. (by mail, 24c.).

Mangels grown from Our Selected Strains of Seeds are Prize Winners everywhere.



SWEDISH OR RUTA BAGA TURNIPS

Sow from 2 to 3 pounds per acre in drills.

Our stock of Turnip Seed has been grown from carefully selected bulbs by growers of the highest standing in England and Scotland, and includes the most desirable varieties in cultivation. Sow 2 or 3 lbs. per acre.

¼ and ½ lbs. post-paid, at prices quoted.

PURPLE TOP VARIETIES

SWEDE TURNIPS. THE STEELE, BRIGGS CO.'S SELECTED PURPLE TOP. Producing large, round, perfectly shaped bulbs, with very small top; flesh, rich yellow; firm, free from coarseness, and of excellent quality; skin yellow, with a deep purple top. A splendid keeping variety. **There is no other sort which we have ever grown that yields a more uniform sized and handsome crop, or that will produce a greater weight,** if as much, to the acre, which has been repeatedly proven on actual trials. **It is a prize winner everywhere.** The Turnip being one of the staple root crops of Canada, it has been our endeavor to obtain a variety of undoubted merit, and such that we could depend upon from year to year. This variety has fully realized our expectations for the past ten years, and having become the universal **favorite** with the leading root growers in Ontario, the demand has so increased as to **require thousands of pounds annually to fill our orders.** Sold only in sealed packages, as **Illustrated.** If your dealer does not keep it, send direct to us. Price, ¼ lb., 15c.; ½ lb., 25c.; lb., 40c. (by mail, 44c.); 5 lbs. or more, 37c. lb. (by mail, 41c. lb.).

—**STEELE, BRIGGS' JUMBO** (Extra select stock). A very large, handsome, tankard-shaped root, with small neck and top; color purplish crimson above ground, yellow below; flesh yellow, very solid, fine grained, and of best flavor; stands well out of the ground, and is a giant compared with many varieties; a heavy cropper and a good winter keeping sort. Both in England and Canada it is becoming a great favorite. Sold only in sealed packages. Price, ½ lb., 25c.; lb., 45c. (by mail, 50c.), 5 lbs. or more, 42c. lb. (by mail, 46c.).

—**Monarch, or Elephant.** A large crimson top variety of merit. One of the heaviest croppers in cultivation. ¼ lb., 10c.; lb., 40c. (by mail, 44c.); 5 lbs. or over, 37c. per lb. (by mail, 41c.).

—**STEELE, BRIGGS' HIGHLAND PRIZE.** One of the largest and heaviest cropping Swedes grown in Scotland; by constant and careful selection the originator has attained perfection in form, the bulbs being of a handsome oval shape, with small neck and single tap root, uniform in size, very rich in quality, and an excellent keeper. Price, ¼ lb., 10c.; lb., 25c. (by mail, 29c.). 5 lbs. or more, 23c. lb. (by mail, 27c.).

—**STEELE, BRIGG'S SELECT WESTBURY.** A favorite with many growers; large round variety and good keeper. Price, ¼ lb., 10c.; lb., 25c. (by mail, 29c.); 5 lbs. or more, 23c. lb. (by mail, 27c.).

—**STEELE, BRIGGS' PERFECTION.** A new and improved strain of Purple Top Swede; bulbs round, very uniform in size, small neck, short tap root, deep purple above ground, yellow beneath; flesh rich yellow, firm and sweet; a good cropper and an excellent keeper. Price, ¼ lb., 10c.; lb., 27c. (by mail, 31c.); 5 lbs. or more, 25c. lb. (by mail, 29c. lb.).

—**Laing's Improved.** A handsome shaped variety, of medium size, very small top, and excellent flavor; requires rich soil. Price, ¼ lb., 10c.; lb., 30c. (by mail, 34c.); 5 lbs. or more, 27c. lb. (by mail, 31c. lb.).

WELL KNOWN STANDARD VARIETIES

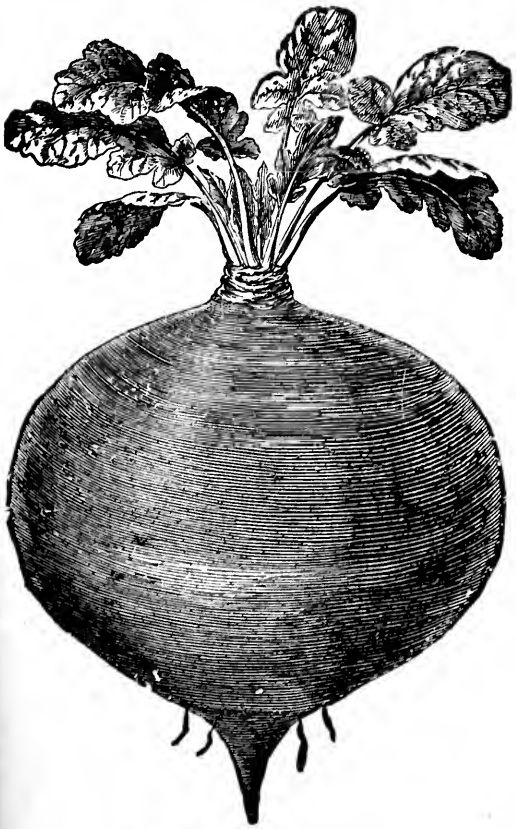
Price, each, ¼ lb., 10c.; lb., 22c. (by mail, 26c.); 5 lbs. or more, 20c. (by mail, 24c.).

—**Swede Bangholm Improved, Purple-top.** A standard variety, large size, small neck, and yields well.

—**Carter's Imperial Hardy, Purple-top.** An excellent field variety. It is a hardy sort, and yields heavily.

—**Drummond's.** A very hardy well shaped root of excellent quality, and a good cropper.

—**East Lothian Improved, Purple-top.** Bulbs large, rich purple-top, and stands well out of the ground; hardy and of good quality.



STEELE, BRIGGS' PERFECTION

—**Hall's Westbury.** A large round variety and a good keeper and heavy cropper.

—**Shamrock Improved, Purple-top.** A very large, short neck, handsome shaped variety.

—**Sharpe's Improved, Purple-top.** Similar to the Skirving in habit, small top and thin neck, and large bulb; a heavy cropper.

—**Skirving's Improved, Purple-top.** A robust grower, heavy cropper, and an excellent keeping variety.

—**Sutton's Champion, Purple-top.** Highly recommended for its fine shape, size and keeping qualities.

GREEN AND BRONZE TOP SWEDES

—**Gloucester, White Flesh Green Top.** A handsome useful variety; flesh firm and sweet, excellent for table use; a heavy cropping field sort; keeps well. ¼ lb., 10c.; lb., 30c. (by mail, 34c.); 5 lbs. or more, 27c. (by mail, 31c.).

—**Hazard's Improved Swede.** A distinct variety; the flesh is firm and white, while its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation. Sold only in sealed packages. ¼ lb., 20c.; lb., 30c. (by mail, 34c.); 5 lbs. or more, 27c. (by mail, 31c.).

—**Halewood Bronze Top.** A favorite Scotch variety; heavy cropper; good keeper. ¼ lb., 10c.; lb., 30c. (by mail, 34c.); 5 lbs. or more, 27c. (by mail, 31c.).

—**Hartley's Bronze Top.** Oval-shaped bulbs, large and solid, small neck and single tap root; rich in quality; productive, and a good keeper. ¼ lb., 10c.; lb., 30c. (by mail, 34c.); 5 lbs. or more, 27c. (by mail, 31c.).

PURPLE TOP ABERDEEN YELLOW TURNIP

TURNIPS FOR FALL FEEDING

YELLOW and WHITE FLESH VARIETIES

Sow 2 lbs. per acre in drills, or 4 to 6 lbs. broadcast.

The following varieties are not so well adapted for late winter feeding as the Swedes; being of larger and quicker growth, are coarser in texture, and when kept too long in the winter become spongy and lose their fine feeding qualities; but for fall and early winter feeding are grown with profit, producing a great bulk per acre, and may be sown much later in the season than the Swede varieties.

Turnip, Aberdeen, Yellow Purple-Top. An excellent variety for early winter-feeding, and deserves to be grown more generally. ¼ lb., 10c.; lb., 25c., (by mail, 29c.); 5 lbs. or over, 23c. per lb., (by mail, 27c).

—Aberdeen Yellow, or Bullock, Green-Top. Similar in form and size to the preceding; the bulb is bright green above and yellow flesh. ¼ lb., 10c.; lb., 22c., (by mail, 26c.); 5 lbs or over, 20c. per lb., (by mail, 24c.)

—Devonshire Grey Stone. A very useful kind of Turnip, which produces an immense crop, of excellent quality; it is of great value for feeding off early, and well adapted to late sowing. ¼ lb., 10c.; lb., 25c., (by mail, 29c.); 5 lbs. or over, 23c. per lb., (by mail, 27c.).

—Mammoth, or Improved Grey Stone. This is much similar to the old Grey Stone, but with a purple top, and will produce a greater weight per acre in a given time than any other Turnip, and is most useful on poor soils, on wh ch it will grow remarkably heavy crops. Flesh very solid and nutritious. Fine shape, a certain cropper, and will stand the winter well if sown late in the season. ¼ lb , 10c.; lb., 25c., (by mail, 29c.); 5 lbs or over, 23c. per lb., (by mail, 27c.)

—Red Globe Norfolk. Medium sized; skin red where exposed to the sun, below ground, white; should be fed early. ¼ lb., 10c.; lb., 25c., (by mail, 29c.); 5 lbs. or over, 23c. per lb., (by mail, 27c.)

—Pomeranian White Globe. Roots globular. On rich soil they will grow to a very large size, sometimes weighing fifteen pounds and over. Better adapted to early feeding than for the pit. ¼ lb., 10c.; lb., 25c., (by mail, 29c.); 5 lbs. or over 23c. per lb., (by mail, 27c.)

—Cow Horn. Matures very quickly; roots long, half above ground; flesh white, fine grained and of excellent quality. ¼ lb., 20c.; lb., 50c., (by mail, 55c.); 5 lbs. or over, 45c. per lb., (by mail, 49c.)

—Red Top. Strap Leaf. One of the best of the flat Turnips for the garden or field. Early, hardy, very prolific, of excellent quality. It is one of the best for late sowing. The bulbs are flat, smooth and regular in form; flesh clear, white, and remarkably well flavored. ¼ lb., 20c.; lb., 50c., (by mail, 55c.); 5 lbs. or over, 45c. per lb., (by mail, 50c.)

MAMMOTH RUSSIAN SUNFLOWER

The Giant of all Sunflowers. Growing to double the size of the common Sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. It is highly recommended for poultry; the best egg producing food known. The seed is good food for horses, and yields a fine quality of oil. The strong thick stalks are used for fuel. In fact there is no waste whatever. Lb., by mail, post-paid, 20c.; ¼ lb., 10c.; pkt., 5c.

WILD RICE

Wild Rice, Zizania. (for fall sowing). The Zizania is valuable as a forage plant on inundated lands and along the shores of marshes. Cattle are fond of it when green, and it makes a good hay. As an attraction for wild fowl it is invaluable. In fish ponds and lakes it purifies the water and affords a refuge to the small fry from the large fish, and also furnishes them with food from the animalculæ on the stalks. The seed should be sown in the fall in six inches to six feet of water, having a soft mud bottom and where there are but few weeds. It commences to sprout in spring as soon as the water gets warm, and grows rapidly, ripening late in August and September. Lb., 25c., (by mail, 30c.

EARLY AMBER SUGAR CANE

Well known in many parts of Canada. We have seen magnificent crops, and it should be more generally grown, as it makes a valuable green cutting crop, which is relished by all kinds of stock. Usually grows from ten to twelve feet high, stands up well, produces small, tender, sweet and juicy stalks, well covered with leaves. When allowed to ripen the seed is valuable for poultry. Price, by mail, post-paid, pkt., 5c.; lb., 15c.; 3 lbs. for 40c. Special quotations for large quantities.

TEOSINTE

(*Reana luxurians*). Somewhat resembling corn in appearance, but the leaves are much longer and broader, and the stalks contain sweeter sap. In its perfection it produces a great number of shoots, growing as much as twelve feet high; very thickly covered with leaves, yielding such an abundance of foliage that one plant is considered sufficient to feed a pair of cattle for twenty-four hours. Eighty-five stalks have been grown from one seed, attaining a height of eleven feet. Horses and cattle eat it as freely as young sugar corn. About three pounds of seed will plant an acre. Price, by mail, post-paid, pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., $1.

AMBER SUGAR CANE

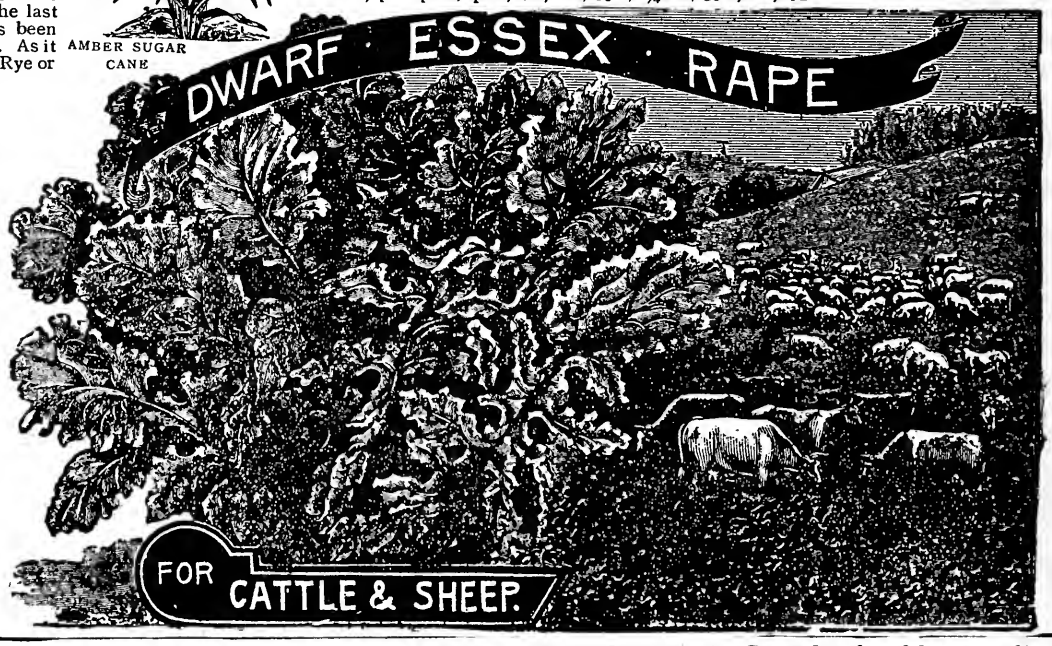
RAPE, OR COLE

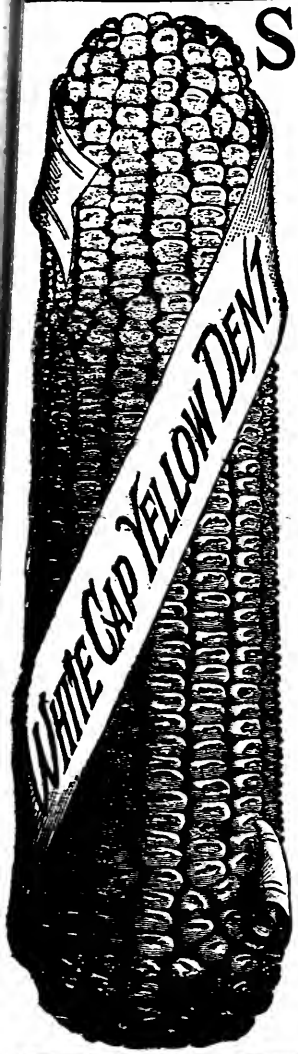
1 to 2 lbs. per acre in drills; 4 to 6 lbs. broadcast.

English Sowing Rape, commonly called "Dwarf Essex" Rape, is becoming more generally sown each succeeding year, and is one of the most easily grown and useful soiling crops we have. A field of Rape coming into use when the pasture is almost barren from continuous feeding and dry weather is a boon to the farm. For feeding sheep and lambs preparatory for the market nothing is better; not only does it fatten quickly, but it imparts a quality to the flesh superior to almost any other pasture. It has been estimated that one acre of Rape, when not preceded by any other crop the same season, will feed from thirty-five to forty lambs for two months, and that the gain in flesh per month was from eight to twelve and one-half pounds on each lamb. Young cattle thrive on it as well as swine. Rape may be sown either in rows or drills, and cultivated or sown broadcast When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, as it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until the end of July, and it has been sown towards the end of August with success. As it will stand late sowing, it can be sown after a Rye or Barley crop. The cultivation of Rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Poor soil is often sown with Rape and plowed under as a fertilizing crop, for which purpose few, if any other crop, is better. Lb., 10c; 5 lb. lots or over, 9c. per lb.; 25 lbs. or over, 8c. per lb. If wanted by mail add 4c. per lb.

LATHYRUS SYLVESTRIS, or FLAT PEA

This new forage plant is truly an agricultural wonder. Two cuttings may be made in one season, and a vast amount of rich hay can be secured from a comparatively small area. It affords an excellent pasturage also, as it produces heavily of fodder. The mature plants root 20 feet deep, enabling them to stand the severest drouths and extreme cold. It starts earlier in the spring than Alfalfa and continues later in the fall. It lasts 50 years without reseeding. On very poor, unimproved, sandy soil it makes a top growth of 6 to 8 inches and a root growth of 12 to 15 inches the first year. On sandy soil that has been cultivated it does much better. It grows slowly at first and needs care to keep down the weeds. Pkt., 10c.; ¼ lb., 50c.; lb., $1.75, post-paid.





SELECTED ENSILAGE SEED CORN

THE MOST PROFITABLE VARIETIES TO GROW

The following prices are f.o.b. Toronto, subject to market changes, cash with order.
Cotton Bags 20c. each extra.

Corn by mail: Any variety sent post-paid, 1 lb. for 15c., 2 lbs. 25c., 8 lbs. 90c.

CLOUD'S EARLY YELLOW DENT

Early, strong and vigorous, growing from 8 to 10 feet high, producing large, handsome ears with unusually deep grain. The Guelph Agricultural College reports it "among the heaviest yielding varieties of those tested for six years." It is the earliest of all the heavy varieties, and produces a large amount of ears per acre, the average weight for six years being 3.21 tons, and for the whole crop 19.51 tons per acre. ½ bush., 55c.; bush., $1.

EARLY BUTLER YELLOW DENT

An extra early variety which will ripen in most sections. Where a well maturing corn is desired, Early Butler will give excellent results. The average yield of well matured ears is 3.09 tons per acre. ½ bush., 55c.; bush.; $1.

EARLY MASTODON YELLOW DENT

Among the heaviest producing varieties upon our list. Grows quick, strong and vigorous, has broad, heavy leaves and large ears, with very large, deep grains. One of the best Ensilage varieties; matures ears to a dough state when harvested. The Guelph Agricultural College average for a number of years shows 3.05 tons of ears per acre, and 19.33 tons of total yield per acre, which is a very strong recommend. ½ bush., 55c.; bush., $1.

GIANT PROLIFIC SWEET ENSILAGE

One of the most extensively grown varieties of Ensilage or Fodder Corn used in Canada. As a green fodder, dry cured, or prepared as Ensilage, it is in the highest favor throughout the Dominion. The stalks are sweet, juicy, tender and covered with long, broad leaves. On strong soil will grow from 12 to 16 feet high. More fodder can be produced from an acre than from any other variety we have grown, and when well cured is quite equal to hay. Beef can be made cheaper by feeding it than with hay; it will increase the milk and cream production fully 10 per cent., as well as furnish cheap and acceptable food for the winter. As a green food for cutting in the latter part of the summer, one acre is worth eight acres of ordinary pasture. Per bush, 80c.; 5 bush. lots and up, 75c.

RED COB ENSILAGE

An old favorite variety, yielding very large crops of excellen fodder. Ears large, cob small and red, grains large, deep and white, indented. A heavy yielder on some soils · Per bush., 75c.; 5 bush. lots and up, 70c. per bush.

HORSE-TOOTH OR YELLOW DENT

Well known everywhere, bnt much inferior to many of the more recently introduced sorts, both as to yield and quality of the product. Per bush., 75c.; 5 bush. lots and up, 70c.

FLINT VARIETIES

Corn, North Dakota White Flint. A grand variety, matures early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other variety. Will ripen in nearly all sections of Ontario. Our supply has been grown in Canada, which is the strongest recommend for its adaptability to this climate. ½ bush., 55c.; bush., $1.

—**Compton's Early Yellow Flint.** Very extensively used for ensilage and for a grain producing crop. While not giving as heavy a green crop as many others, it is especially valuable for the quantity and quality of ears produced, and makes a rich, palatable food when cured as silage. Its extreme earliness adapts it to eastern and northern Ontario, where it is a favorite sort. Ripens well, yielding an average of 3.32 tons of ears per acre. ½ bush., 50c., bush., 90c.

—**Longfellow Yellow Flint.** One of the favorite varieties in eastern and northern Ontario. Grows quickly and fully ripens in nearly every section of the province. To grow as a fodder Corn, or for the grain, it is one of the very best. Ears long, bright golden yellow grain, smooth and very hard. None better for grinding. ½ bush., 50c.; bush., 90c.

—**Canada Yellow Flint.** A standard variety. ½ bush., 50c.; bush., 90c.

—**Large White Flint.** Ears long pearly white, and of a beautiful appearance. ½ bush., 50c.; bush., 90c.

EARLY IMPROVED LEAMING

A fine early Yellow Dent Variety; ears of good size, cobs red and small, with large deep grains; a strong grower, and produces well on light and heavy land, where other varieties of Yellow Dent will not thrive. It has given great satisfaction the past two years. While not ripening in all sections, the ears arrive at a firm dough state at time for cutting, and make fine silage. The average weight of ears is 3 tons per acre. ½ bush., 40c.; bush., 75c.

MAMMOTH CUBAN YELLOW DENT

The heaviest ear-producing corn upon our list; and grows enormous crops of excellent fodder. With a favorable season it will form parching ears throughout central Ontario. Ears very large, grain yellow, dented, the average yield of ears being 3.51 tons per acre as reported by Guelph Agricultural College. ½ bush., 55c.; bush., $1.

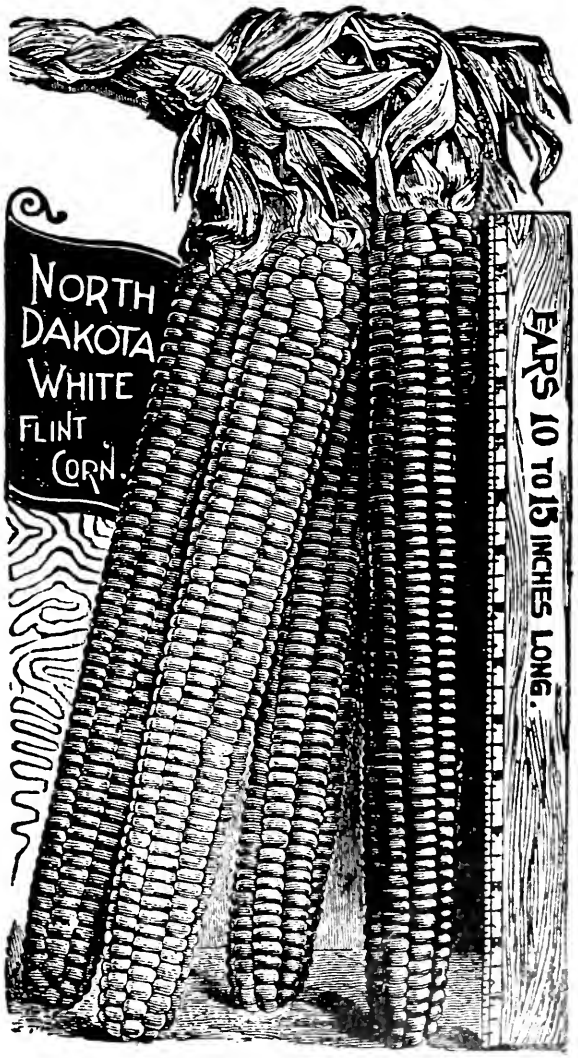
WHITE CAP YELLOW DENT

A new variety, originated and introduced by Mr. Clark, of Ohio, one of the most famous corn growers of the United States. He claims for it the largest cropping variety upon the market; stands drought well, crops well on poor land; ears large, handsome and well filled; the tips of the grain are white, the inside yellow, thus giving it a beautiful color. One grower in Western Ontario reports having harvested the largest and finest crop he has ever grown. ½ bush., 45c.; bush., 80c.

WISCONSIN WHITE DENT

A most desirable variety, strong grower, produces a large percentage of ears, and is considered one of the very best Dent varieties for growing in Northern climate. ½ bush., 55c.; bush., $1.

GIANT PROLIFIC SWEET ENSILAGE CORN
50 TONS PER ACRE.



When comparing prices please keep in mind that we send out only the best selected seed.

These prices are subject to market fluctuations. We will be pleased to quote special prices for quantities on application

SELECTED AND RECLEANED SEED GRAIN

Please Read This

We devote special care to the selection of Seed Grain, and our customers may rest assured that every effort has been made to supply the best varieties and finest samples of Seed Grain that it is possible to obtain. The grain is all thoroughly cleaned over our mills, which are the most complete and perfect of any that are made. We shall be pleased to send samples to intending purchasers when desired.

Seed Grain is always quoted and sold free on cars, Toronto, the purchaser to pay transportation charges on arrival. We quote pound prices (post-paid), for the benefit of those desiring small quantities. Good cotton bags are supplied at 20c. each. Prices quoted are subject to fluctuations of market.

BARLEY

Barley, Mandscheuri. An early six-rowed variety, very strong strawed and stools well, bearing large well-filled heads of beautiful grain, possessing malting qualities of a high order and adapting itself readily to a great variety of soils. It has occupied first place at the O.A.C., Guelph, for some time, having given an average yield of over 60 bushels per acre. We offer specially grown seed from the genuine imported stock, thoroughly cleaned. Per lb., 15c.; 5 lbs., 50c. (post-paid); per bush., 80c.; in 5 bush. lots and upwards, 75c. per bush.

—**Selected Canada Six Rowed.** This standard and well-known variety has been a favorite for many years, giving the very best of satisfaction, under a great variety of conditions. It is a strong, vigorous grower, and a heavy and reliable yielder. Per lb., 15c.; 5 lbs., 50c. (post-paid); per bush., 75c.; in 5 bush. lots and upwards, 70c. per bush.

—**Black Hulless.** The grain of this Barley closely resembles that of wheat or rye, except in color. Its standard weight is the same as that of wheat, 60 pounds per measured bushel, but it frequently exceeds this weight. This variety stands at the head of the list of hulless varieties in yield of grain per acre. Its splendid yield, heavy weight, and good feeding quality make it a most valuable variety. On account of its superior feeding qualities we would recommend those who are troubled by the pea bug to use this variety as a substitute for peas. Per lb., 15c.; 5 lbs., 50c. (post-paid); per bush of 60 lbs., $1.00; in 5 bush. lots and up, 90c. per bush.

—**White Hulless.** Yields well on poor soils, is easily grown, and is an excellent food for hogs, cattle and poultry, making better pork than corn, the straw making good hay. It should be sown a week earlier than ordinary barley, and at the rate of 1½ bushels per acre (60 pounds per bushel). Price per lb., 20c.; 3 lbs., 50c. (post-paid); per peck, 60c.; bush., $1.75; 5 bush. lots and upwards, $1.60 per bushel.

BUCKWHEAT (CAREFULLY RECLEANED)

Buckwheat, Japanese. Enormously productive; the kernels are nearly twice the size of any other variety, and of a distinct shape; the color is a rich dark brown; very heavy straw, branches more and does not need to be sown as thickly as other sorts. Per lb., 15c.; 5 lbs., 50c. (post-paid); per bush. of 48 lbs., 85c.; in 5 bush. lots, 80c. per bush.

—**Silver Hull.** Superior to the common variety; in bloom longer; matures sooner and yields much more per acre; thin husk and of a silvery grey color. Per lb., 15c.; 5 lbs. for 50c. (post-paid); per bush., 85c.; in 5 bush lots, 80c. per bush.

—**Common Grey Variety.** Excellent for plowing under. Lb., 15c.; 5 lbs., 50c. (post-paid); per bush., 75c.; in 5 bush. lots, 70c. per bush.

FLAX.

Sow as soon as danger from frost is past, and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is one-half bushel, when cultivated for seed; if for the fibre, a larger quantity should be sown. Cut before quite ripe.

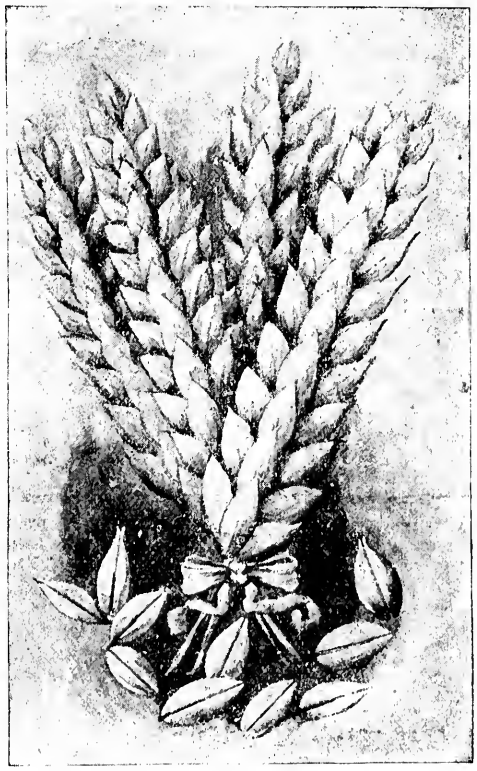
Flax, Choice Screened, for seeding; 4 lbs., 50c. (by mail, post-paid); per bush. of 56 lbs., $2.25.

—**Prime,** for feeding. Per bush., $2.00; in 5 bush. lots and over, $1.90 per bush.

RYE.

There are two varieties of Rye—the Fall Sowing and the Spring Sowing varieties. Fall Rye can be sown from the middle of August to the end of September; the Spring varieties as soon in spring as the ground becomes warm and in good working condition. If the crop is cut before fully ripe the grain makes better flour and more in quantity, but if intended for seed it should be fully ripe before harvesting. Rye makes an excellent green crop to cut for early spring feeding. Sow from one and a half to two bushels per acre.

Spring Rye. Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., $1.00; in 5 bush. lots and over, 90c. per bush



WHITE HULLESS BARLEY

PEAS.

Whether for fodder, in mixture with oats, sown at the rate of two bushels each per acre, or the Peas sown alone at the rate of three bushels per acre for plowing under, there is no crop that we can so strongly recommend for more extended culture.

Like all leguminous crops, Peas have the power of extracting nitrogen from the air, and the soil from which a crop of peas has been harvested is richer in nitrogen than before the peas were sown upon it, and there is no kind of live stock on the farm to which peas and oats in mixture cannot be fed with positive advantage.

Pea—"New Arthur." This new cross-bred variety was originated at the Ottawa Experimental Farm, its parents being the Mummy and Multiplier varieties. The pods are numerous and small, grow in clusters like Mummy; grain white, medium size; straw 36 to 48 in. long, of strong growth, resembles Mummy in thickness and in its upright growth; matures in about 100 days. At Ottawa, in 1898, it gave a yield of **46 bushels, 50 pounds per acre** (the highest yield upon the list), and for four years' tests the average yield was 38 bushels, 29 pounds per acre, a most favorable recommendation. Supply limited. Price, per lb., 15c.; 4 lbs., 50c. (post-paid); per peck, 50c.; bush., $1.20; 5 bush. and up, $1.10.

—**Dwarf White Marrowfat.** Hardy, strong and vigorous, broad, thick, leathery pods borne near the top of the vine, containing four to five large peas of good substance and flavor, but not so sweet as wrinkled sorts. Seed large, round, white, slightly oval; height, 3½ feet. Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., $1.20; in 5 bush lots and over, $1.10 per bush.

—**Black Eye Marrowfat.** While growing resembling closely the preceding, but the mature seed having a distinct black eye. Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., $1 20; in 5 bush. lots and over, $1.10 per bush.

—**Prussian Blue.** A very popular variety, one of the heaviest yielding and best strawed peas known, very early. Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., $1.10; in 5 bush. lots and over, $1.00 per bush.

—**Egyptian Mummy.** This variety has given excellent results in many sections of the country. It ripens about the same time as the Marrowfat and bears its pods well up on the straw, and is without doubt one of the best varieties in cultivation. Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., $1.10; in 5 bush. lots and over, $1.00 per bush.

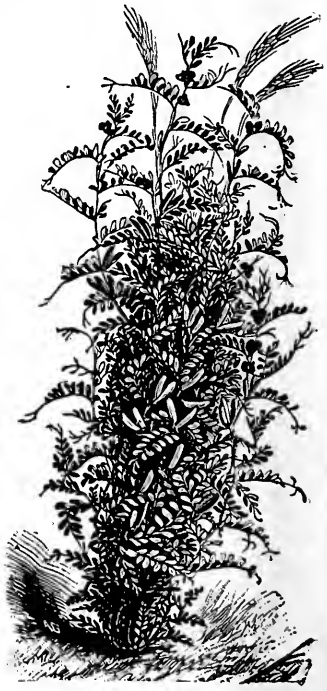
—**Golden Vine.** A standard sort, not much troubled by bugs. Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., 95c.; in 5 bush. lots and over, 85c. per bush.

TARES OR VETCHES.

A specie of the Pea which is grown to a considerable extent as green feed for stock. The usual custom is to sow with Oats, which assist in keeping the growing crop upright, besides increasing the quantity and quality of the feed.

—**Black.** Per lb., 15c.; 4 lbs., 50c. (post-paid); per bush., $1.40.

Sandvetch, Vicia Vilosa. The Sandvetch prospers in the most barren soils, even in those too poor to grow the winter tare. Six tons per acre of green foliage have been harvested in one cut in poor silicious soils, with a second cut for seed or plowing in green. Sow end of August, alone or together with a cereal, rye preferred, because this Vetch, reaching a length of 3½ to 5 feet, must have a support, otherwise it would lay down and deteriorate quality and yield. To the acre sow 65 to 85 pounds. Can stand any frost. This Vetch is eaten by all farm animals without it being necessary to add any condiments. Lb., 30c.; 3 lbs. for 75c. (post-paid).



SANDVETCH OR VICIA VILOSA

SPRING WHEAT.

—**Colorado.** Per bush., $1.10; in 5 bush. lots and over, $1.00 per bush.

—**Red Fife, White Fife, White Russian, Wild Goose.** These four varieties, per bush., $1.10; in 5 bush. lots and over, $1.00 per bush.

FALL WHEAT.

Descriptive list will be issued about the 15th of August, and sent free to all who apply. Ask for it.

TERMS.—All Seed Grain, Clovers, Timothy and Grasses are sold on very close margins and for spot cash; a remittance for full amount must accompany all orders, and 20c. each for bags included. We do not pay freight or send goods C. O. D.

PLEASE NOTE. Prices quoted are subject to market fluctuations. Special quotations for large quantities.

IMPROVED "LIGOWO"

...NEW... IMPROVED WHITE "LIGOWO" OAT

Average Yield for 4 years at Dominion Experimental Farm, 64 bushels 6 lbs. per acre.

This splendid new Oat has fully borne out all we claimed for it, and judging from reports received from farmers who have had it the past year it is destined to become one of the most popular varieties in cultivation. The Improved Ligowo Oat is a large white plump variety, with a branching head and stiff straw, a vigorous grower, very prolific and exceedingly early; not inclined to rust or smut. It has been grown and tested at all the Experimental Farms throughout the Dominion, and has given as a result of four years' trial an average crop of 64 bush. 6 lbs. per acre.

The Largest crop grown from this variety was had at Brandon, Man., in 1899, where it produced 100 bush. and 20 lbs. per acre.

At Nappan, N.S., in 1899, it yielded 83 bush. 18 lbs. per acre. With such favorable results as above reported by the Dominion Experimental Farms, we were induced to procure a supply of Seed Stock from the original source in France, and now offer for the second time the Improved Ligowo Oats, grown from imported stock. As supply is limited we can only undertake to fill orders while our stock holds out. The Farmer who grows this oat will find it a profitable investment, as without doubt there will be a big demand for seed of it. Price per lb., **20c.**; 6 lbs. for **$1** (post-paid); ½ bush., **60c.**; bush., **$1**; 5 bushel lots and over, **90c.** per bush. Bags, **20c.** each extra.

TWENTIETH CENTURY OAT (White)

A new white branch Oat, introduced by Messrs. Gunson, Brown & Co., of Rochester, and for which the introducer claims wonderful results. The "Twentieth Century" is a Hybrid cross-bred variety of English origin, and the crop captured first prize wherever shown. It has a very heavy grain with a thin hull; is borne on a stiff strong straw, not inclined to rust or smut. The introducers say they believe that it is possible, under favorable conditions of soil, weather and climate, for the "Twentieth Century" to yield 125 bushels per acre. Price per lb., **20c.**; 6 lbs. for **$1** (post-paid); ½ bush., **60c.**; bush., **$1**; 5 bushel lots and over. **90c.** per bush. Bags, **20c.** each extra.

NEW SENSATION OAT (White)

LARGEST GRAIN, BEST QUALITY, STRONGEST STRAW

It is impossible to over-estimate the good qualities of this New White Branching Oat. It has been grown in this vicinity the past year with extraordinary results, one grower claiming a yield of 89 bushels per acre. The grain is of good size,

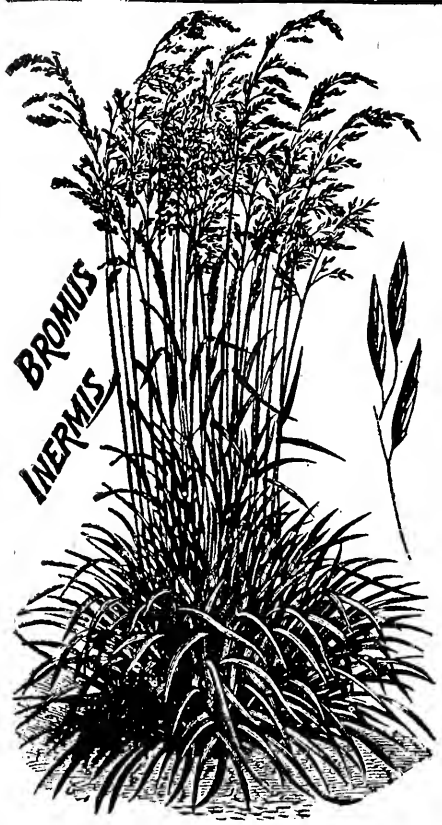
the hulls are thin, and the kernel is the largest in proportion to the size of the oat we have yet seen,

making it the best variety grown for feeding and milling purposes. The Sensation stools out well, and the straw is very strong, and does not lodge, even when others with a less weight of head go down. It is a very vigorous grower; quite noticeably so when seen growing beside other varieties. It is bound to take a first place, and will, no doubt become a very popular variety. Price per lb., **15c.**; 4 lbs., **50c.** (post-paid); bush., **70c.**; 5 bushel lots and over, **65c.** per bush. Bags, **20c.** each extra.

IMPROVED BLACK TARTARIAN OAT

This is undoubtedly the leading black oat of the day. It is extremely hardy, grows with vigor and rapidity, stands well, and adapts itself to almost any soil. It is the darkest of the black varieties, a sure and heavy yielder, and large and plump in the grain. Its thin hull makes it a valuable feeding oat, and is also an advantage in seeding, allowing it to germinate quickly. The fact of this variety having been grown for the past forty years and still being in the lead is the strongest recommendation we can give it. Our seed is grown from imported stock. Price per lb., **15c.**; 4 lbs., **50c.** (post-paid); bush., **65c.**; 5 bushel lots and over, **60c.** per bush. Bags, **20c.** each extra.

SPELTZ LISTED ON PAGE 7 IS SPLENDID FOR GROWING ON POOR SOILS.



NEW FODDER PLANTS

The increasing demand for something new in Fodder Plants has induced us to offer the latest and most highly recommended varieties yet known, and which are now largely grown in many parts of America, where dry weather predominates. The Japanese Millet has been grown in Canada for some years with marvellous success. We have grown the Kaffir Corn on our trial grounds and found it quite prolific. They are well wortby of a trial, for which purpose we recommend them. They will grow and thrive where corn will grow, and require similar cultivation.

THE FODDER GRASS

For the North-West and British Columbia.

Bromus Inermis (*Awnless Brome Grass*). This has proved to be the best grass of any yet tried. From Winnipeg to the western coast it has stood the rigor of the winter, has yielded from three to four tons of hay per acre. Comes early into growth, thrives well in loose soils, withstands dry weather, grows freely in rich damp soil, and forms a close sward; produces a heavy aftermath of succulent leafy shoots. Where a permanent hay is desired Bromus Inermis will fill the bill. Sow twenty-five pounds per acre. Price, per lb., by mail (post-paid), **30c.**; for 10 lb. lots, **25c.** per lb., (post-paid); special prices on application for 25 lb. lots and over.

KAFFIR CORN

(White). Grows from five to six feet high, making a straight, upright growth. The stems are stalky and very thickly clothed with wide leaves. The stalks keep brittle, tender and juicy, not hardening like many of the sorghums. Makes excellent fodder either green or dry, which is highly relished by cattle or horses. For fodder sow one-half to three-quarters of a bushel per acre in drills. Price, by mail (post-paid), 5 lbs., **50c.**; lb., **15c.**; pkt., **5c.**

JERUSALEM CORN

This corn belongs to the non-saccharine sorghums, and it comes from the arid plains of Palestine. It is pronounced the best and surest grain crop for dry countries and seasons, even superior to Dhoura or Milo Maize. It grows about 3 feet high, and makes one large head on main stalk, and several smaller heads on side shoots, even as many as eight heads on a single stalk. The grains are pure white and nearly flat. Price, by mail (post-paid), 5 lbs., **50c.**; lb., **15c.**; pkt., **5c.**

Three pounds will plant an acre.

BROOM CORN

Improved Evergreen. This variety of Broom Corn is more largely grown in the Western States than any other. The brush is noted for its fine quality, good length and handsome appearance; cut before the seed is ripe, it is a beautiful pea green color. Brush very fine and seldom gets crooked. It ripens early and yields heavy crops. Price, by mail (post-paid), 3 lbs., **40c.**; lb., **15c.**; large pkt., **5c.**

JAPANESE MILLET

Recently introduced from Japan, greatly surpassing the ordinary millet or Hungarian grass in vigor of stalk, yield of seed and value of crop. From reports received those who have grown it are loud in its praise. The plant attains an average height of six feet, short jointed, and at every joint there is put forth an immense number of long, thick, fleshy leaves. The seed constitutes an excellent food for hens. The stalks are very juicy, making excellent green food, and should prove valuable when cured as silage. When cured as hay, chopped, moistened and sprinkled with meal, it is readily eaten by cattle and horses. Sow in drills fifteen inches apart, with twelve to fifteen pounds per acre. It should be generally tried this season. Price, by mail (post-paid), 3 lbs., **50c.**; lb., **20c.**; pkt., **5c.** Prices for larger quantity on application.

S. B. S. CO.'S PERMANENT GRASSES FOR ALL SOILS

THE FINEST QUALITY OF SEEDS AT SPECIALLY LOW RATES.

No. 1 Grasses or Clover for One Year's Hay

Grasses.—Timothy, Italian Rye, Perennial Rye, Orchard, Schrader's Brome Grass.
Clovers.—Red, Scarlet, Alsike, Lucerne.

a. On light soils, per acre, $2.60; per lb, 15 cents.
b. On medium soils " $2.60; per lb., 15 "
c. On heavy soils, " $2.50; per lb., 15 "

Allowing 22 pounds per acre.

No. 2 For Two Years' Mowing or Grazing

Grasses.—Italian Rye, Perennial Rye, Kentucky Blue, Orchard, Meadow Fescue, Timotby.
Clovers.—Red, Scarlet, Alsike, Trefoil, White.

a. On light soils, per acre, $3.25; per lb., 16 cents.
b. On medium soils, " $3.25; per lb, 16 "
c. On heavy soils, " $3.20; per lb., 16 "

Allowing 25 pounds per acre.

No. 3 For One Year's Hay and Two Years' Pasture

Grasses.—Italian Rye, Perennial Rye, Kentucky Blue, Orchard, Meadow Fescue, Hard Fescue, Timothy, Tall Oat.
Clovers.—Red, Scarlet, Alsike, Lucerne, White.

a. On light soils, per acre, $3.50; per lb., 16 cents.
b. On medium soils, " $3.55, per lb., 16 "
c. On heavy soils, " $3.55; per lb., 16 "

Allowing 26 pounds per acre.

No. 4 For Three Years' Mowing, Grazing in Orchards and Shade

Grasses.—Evergreen Meadow, Hard Fescue, Italian Rye, Meadow Foxtail, Perennial Rye, Orcbard, Tall Meadow Oat, Timothy, Wood Meadow.
Clovers.—Alsike, Mammoth, White.

Allowing 25 lbs. per acre. Price, per acre, $4; per lb., 20c.

. . . *PERMANENT PASTURE MIXTURES* . . .

No. 5 For Pastures on Light or Medium Soils

Grasses.—Hard Fescue, Kentucky Blue, Meadow Fescue, Meadow Foxtail, Orchard, Perennial Rye, Timotby, Sheep's Fescue, Red Top, Yellow Oat.
Clovers.—Alsike, Lucerne, Red, White, Mammoth.

Allowing 28 pounds per acre.
Price, per acre, $4.50; per lb., 20c.

No. 6 For Sandy and Gravelly Soils

Grasses.—Crested Dogstail, Hard Fescue, Kentucky Blue, Perennial Rye, Red Top, Sheep's Fescue, Tall Oat.
Clovers.—Trefoil, Lucerne.

Allowing 30 pounds per acre.
Price, per acre, $4.50; per lb., 18c.

No. 7 For Moist Lands and Those Occasionally Overflowed

Grasses.—Creeping Bent, Kentucky Blue, Meadow Foxtail, Orcbard, Red Top, Rough-stalk Meadow, Timothy.
Clovers.—Alsike, White.

Allowing 28 pounds per acre.
Price per acre, $4.50; per lb., 20c.

No. 8 For Pastures and Well Drained Soils

Grasses.—Meadow Fescue, Meadow Foxtail, Orchard, Kentucky Blue, Perennial Rye, Red Top, Timothy, Yellow Oat.
Clovers.—Lucerne, Alsike, Red, White, Yellow.

Allowing 28 pounds per acre.
Price per acre, $4.25; per lb., 20c.

No. 9 For Pastures in Orchards and Shaded Places

Grasses.—Evergreen Meadow, Kentucky Blue, Italian Rye, Hard Fescue, Perennial Rye, Orchard, Sweet Vernal, Timothy, Wood Meadow,
Clovers.—Red, Trefoil, White.

Allowing 28 pounds per acre.
Price per acre, $4.20; per lb., 20c.

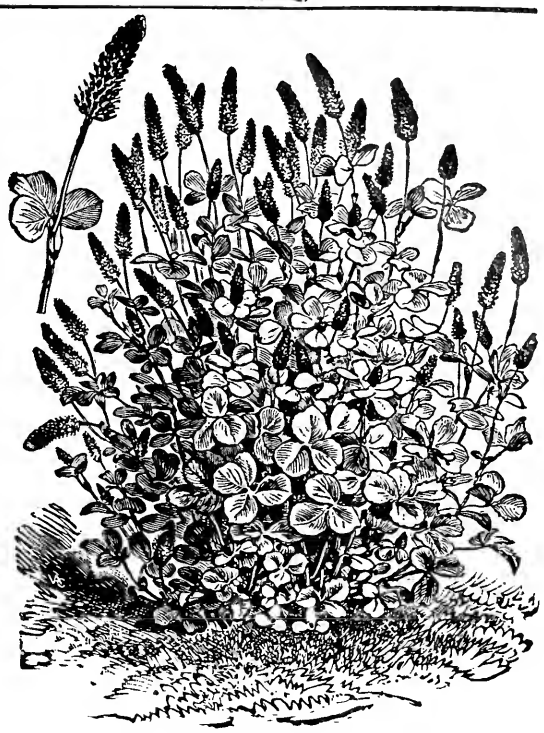
No. 10 Mixture for Renovating Old Pastures

Grass lands, which have been frequently mown without receiving a proportionate supply of manure, always becomes deficient in the most valuable and nutritive grasses. By sowing about fourteen pounds of Renovating Mixture per acre the sward will be wonderfully improved both as regards quantity and quality of produce. Sow in April or May, or after the hay is taken off, and previous to rain if possible. 25 lbs. or over, 17c. per lb.; less quantity, 20c. per lb.

Quotations are for the price of seed for an acre; for less than will seed one acre, the pound prices are charged. Light and heavy seeds will be sent separately. Add 4c. per lb. to prepay postage.

CLOVER SEED

Prices per bushel and 100 lbs. given on application.



CRIMSON CLOVER

Lucerne, or Alfalfa (*Medicago Sativa*). The great value of Lucerne is in its enormous yield of sweet and nutritious foliage, which is highly relished by stock, either when green or cured into hay. It will grow and yield abundantly in hot, dry sections, and on poor, light and sandy soil, where no other grasses can be grown, for it sends its roots down to enormous depths, consequently it consumes food, moisture and the leach of fertilizers which have been for years beyond the reach of ordinary plants. The best method is to sow broadcast 15 lbs. per acre where the land is in good condition. Cut when in full bloom. Try to cure without getting it wet. Do not let hungry cattle get it when green, especially wet. If you wish to pasture them on it, first feed them all they can eat, and then turn them on the green Lucerne and no harm will come to them. It is the best thing to renew old worn out lands that we ever saw, and there is not a weed in this country that can stand before it. By mail, post-paid, 6 lbs., $1; 1 lb., 20c.

Crimson and Scarlet (*Trifolium Incarnatum*). An annual variety. The yield of fodder is great, and after cutting it at once commences growing again, and continues until destroyed by frost. It can be sown in April or May, and produces an abundant crop in fall for feeding or for hay, and is very highly recommended as a soiling crop for plowing under. It is being extensively tried in many sections of Canada, and while it is not yet an established fact that it will readily self-seed the same as in more southern latitudes, it is highly spoken of as a fine crop for spring sowing, when pasturage is likely to be short. Sow 10 lbs. per acre or even more on poorer lands. Per lb., 15c.; post-paid, 20c. Special prices on application for large quantities.

Bokhara (*Melilotus alba*). Grows 2 feet high; has a white and very sweet scented blossom, most valuable for bees; sow in spring. Per lb., 20c.; post-paid, 25c.

White Dutch (*Trifolium repens*). Most valuable in mixtures for permanent pastures, forming, in conjunction with natural grasses, the finest and most nutritious food for cattle or sheep. Price variable. Per lb., 25c.; post-paid, 30c.

Yellow Trefoil or Hop Clover (*Medicago lupulina*). A prolific and hardy variety, and found to be extremely well adapted for dry pastures, but should not be sown alone. Per lb., 15c.; post-paid, 20c.

Red Clover (*Trifolium pratense*). The leading variety of clover for pastures or meadows. The seed we offer is recleaned and very fine. Per lb., 15c.; post-paid, 20c. Samples and prices on application.

Mammoth, Late Large Cow Grass, or Pea Vine Clover (*Trifolium pratense perenne*). Of great value if sown upon exhausted lands; grown from 5 to 6 feet, and highly recommended for plowing under for manure. Price variable. Per lb., 15c.; post-paid, 20c.

Alsike (*Trifolium hybridum*). One of the best perennial clovers; is well adapted to this country, and is now generally approved of in all mixtures of grasses and clovers. Market price variable. Per lb. 18c.; post-paid, 22c. Samples and prices on application.

AGRICULTURAL GRASSES

LUCERNE CLOVER

Crested Dogstail (*Cynosurus cristatus*). May be advantageously sown on lawns kept under scythe; forms a close turf, remaining green a long time; valuable for sheep pastures; succeeds on dry, hard and gravelly soil. Height, 1 to 1½ feet. Sow 25 lbs. per acre. Per lb., 60c.; post-paid, 65c.

Creeping Bent Grass (*Agrostis stolonifera*). An excellent variety for pastures when mixed with other grasses; succeeding well in most situations, and thrives in moist land. Sow 40 lbs. per acre. Per lb., 30c.; post-paid, 35c.

Evergreen Meadow Grass (*Poa semper virens*). Noted for perpetual greenness, earliness in spring, and the rapidity with which it reproduces leaves after being eaten or cut; its thick growth, fineness of foliage and capability of growing under the shade of trees, render it a most desirable grass for lawns and parks or pasture. Sow 40 lbs. per acre. Per lb., 50c.; post-paid, 55c.

Hard Fescue (*Festuca duriuscula*). Thrives in a great variety of soils. One of the best grasses for general purposes, and resists the effect of drought well. It grows easily. The foliage is fine and nutritive. Height, 1½ ft. Sow 30 lbs. per acre. Per lb., 25c.; post-paid, 30c.

Italian Rye Grass (*Lolium Italicum*). One of the best. Yields crop first season, then disappears, as it will not stand our winter frost. It should only enter into mixtures for one year's crop. Sow 36 lbs. per acre. Per lb., 15c.; post-paid, 20c.

True Kentucky Blue Grass (*Poa pratensis*). Extra Fancy. Also known as "Green Grass," "June Grass," etc. Does best in rich land, but will thrive in dry and somewhat shady locations; it stands the hottest summers. Sow 40 lbs. per acre. Per lb., 15c.; post-paid, 20c.

Canadian Blue Grass (*Poa compressa*). Fancy Recleaned. Somewhat like Kentucky—and as price is lower than above, may be used as a substitute. The hay, although short, is heavy and rich. Per lb., 10c.; post-paid, 15c.

HARD FESCUE

MEADOW FESCUE

Meadow Fescue or Sweet Grass (*Festuca pratensis*). One of the most valuable grasses we have, thriving in almost all soils, and is used in all good mixtures. Makes excellent hay, early and nutritious, abundantly productive and tender. Height from 2 to 3 feet. Sow 30 lbs. per acre. Per lb., 25c.; post-paid, 30c.

Meadow Foxtail (*Alopecurus pratensis*). A favorite grass in England, both for meadow and pasture. It grows early and abundantly, and gives a large quantity of aftermath. It is best suited to a moist soil, bog, clay, or loam; Sow 25 lbs, per acre. Per lb., 30c.; post-paid, 35c.

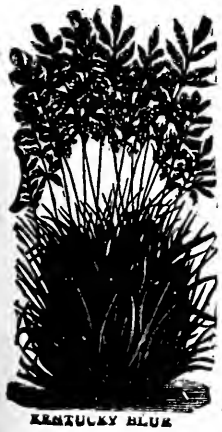
Orchard Grass (*Dactylis glomerata*). One of the most valuable of grasses. Its rapidity of growth and its power of enduring the cropping of cattle, commend it highly as a pasture grass. It blooms earlier than timothy, and about the same time as common red clover, making an admirable mixture for meadows to cut and cure for hay. Stands drouth better than most grasses. Sow 30 lbs. per acre. Per bushel, price variable. Fancy New Zealand, per lb., 15c.; post-paid, 20c.

Perennial Rye Grass, English (*Lolium perenne*). Suitable to a great variety of soils, yields an abundance of foliage, valuable for hay, for which purpose it requires cutting when in bloom. Stands Canadian climate two seasons; good in mixture for two years' crop. Sow 48 lbs. per acre. Lb., 13c.; post-paid, 18c.

Red Top (Fancy) (*Agrostis vulgaris*). Solid seed, entirely stripped from chaff. Thrives best on low ground, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 12 lbs. per acre. Per lb., 15c.; post-paid, 20c.

Rough Stalked Meadow Grass (*Poa trivialis*). Of close, quick growth, productive and nutritious; valuable in all permanent pastures on good soil, particularly those of a moist description, but does not thrive on dry soils. Prices variable. Per lb., 40c.; post-paid, 45c.

Sweet Vernal (*Anthoxanthum odorotum*) (*True Perennial*) Its chief merits are its early growth, and continuing to throw up its root foliage until late in autumn. The fragrant odor which the leaves emit when drying improves and sweetens the hay. Height 1 to 2 feet. Sow 30 lbs. per acre. Per lb., $1; post-paid, $1.05.



KENTUCKY BLUE

Sheep Fescue (*Festuca ovina*). This grass grows naturally on light, dry and sandy soils; smaller than the other Fescues, but from being very nutritious it should always enter into the composition of sheep pastures, as sheep are very fond of it and mutton from such pastures is of the finest flavor. Average height, 15 inches. Sow 30 lbs. per acre. Per lb., 25c.; post-paid, 30c.

Tall Meadow Fescue (*Festuca elatior*). Very early, nutritive, productive. Should form a portion of all pastures on wet or clay soils. Per lb., 30c.; post-paid, 35c.

Tall Meadow Oat Grass (*Avena elatior*). This grass will be found useful for sowing in mixtures upon lands when a coarse herbage is required, or on inferior soils. It is early, productive, and makes good hay when cut early. Well adapted for dry soils. Sow 36 lbs. to the acre. Per lb., 30c.; post-paid, 35c.

Timothy, Herd's Grass or Catstail (*Phleum pratense*). A grass so well known needs no description. Sow 15 lbs. per acre. Per bush., price variable; per lb., 10c.; post-paid, 15c. **Samples and prices on application.**

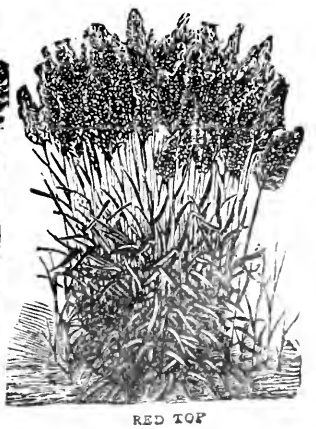
Wood Meadow Grass (*Poa Nemoralis*). There is no grass better adapted for pleasure grounds, particularly under trees, as it will not only grow in such places, but succeeds where few other grasses can exist. Very early; of a bright rich green. Sow 25 lbs. to the acre. Per lb., 50c.; post-paid, 55c.

Hungarian Grass. Sow 24 to 36 lbs. to the acre. Per lb., 10c.; post-paid, 15c. Price variable; furnished on application.

Common Millet. Sow 24 to 36 lbs. to the acre. Per lb., 10c.; post-paid, 15c.

German or Golden Millet. Sow 24 to 36 lbs. per acre. Per lb., 10c.; post-paid, 15c.

ORCHARD



RED TOP

GENERAL LIST OF FLOWER SEEDS

GIVEN FREE

Customers may select the following values in extras when ordering Flower and Vegetable Seeds at packet and ounce prices and remitting the following amounts:

When sending $1 00, may select $0 25 extra.
" " 2 00, " " 0 50 "
" " 3 00, " " 0 75 "
" " 4 00, " " 1 00 "

Please Read This It must be understood that these EXTRAS are only allowed on seeds at packet and ounce prices, and not on collections, special offers, bulbs, plants or seeds at 1-4 or pound prices, nor can we send the value of extras in other than seeds at **PACKET AND OUNCE RATES.**

For the convenience of customers when ordering, we use a system of numbering, and only the number corresponding to the variety desired need be given, with the price, thus saving the necessity of writing hard names.

All Flower Seeds sent free by mail on receipt of Price.

ABRONIA UMBELLATA

Charming annual trailers for vases, rock-work, etc., succeeding well in the garden border; bearing large trusses of fragrant rosy pink flowers. *Half-hardy annual.*

1 **Abronia Umbellata.** ¾ foot..... 5
Abutilon. (See Greenhouse assortment).

ACONITUM

(Monk's Hood or Wolfsbane)

A showy, free-blooming plant, which thrives well under trees, shrubs, and in other shaded situations. *Hardy perennial.*

2 **Aconitum Nepullus,** mixed, blue and white 5

ACROCLINIUM

(Everlasting Flower)

One of the best, producing a great number of beautiful rose-pink and white flowers, with yellow centre. *Half-hardy annual.*

3 **Acroclinium Album,** white 5
4 **—Roseum,** bright rose..... 5
5 **—Mixed,** fine colors 5

ADONIS

(Pheasant's Eye, Flos Adonis)

The dark green foliage is finely cut and very pretty; the flowers are brilliant, remaining for a long time in bloom. They will do well in a partially shaded situation, and may be used to advantage in any retired corner of the garden. *Hardy annual.*

6 **Adonis Æstivalis** (Flos Adonis). Deep crimson, 1 foot..... 5
7 **—Autumnalis** (Pheasant's Eye). Intense blood red, with black centre; 1 foot 5

AMPELOPSIS VEITCHII ("Boston" or Japan Ivy)

8 **Ampelopsis Veitchii.** Valuable hardy perennial climber; clinging to walls of brick or stone; foliage dense, of glossy green, changing to red and yellow in autumn; 30 ft..... 10
See Plant List for plants.

AGERATUM

Valuable for bedding plants or for cut flowers; free bloomers and of long duration. When lifted and potted in the fall, and placed in the parlor, will keep up a succession of beautiful flowers all winter. *Half-hardy annual.*

9 **Ageratum Mexicanum,** blue, 1½ feet 5
10 **—Album,** white, 1½ feet..... 5
11 **—Imperial, dwarf,** blue, ½ foot 5
12 **—Imperial, dwarf,** white, ½ foot..... 5
13 **—Swanley Blue,** large, deep blue, ¾ foot 5

ADONIS

AMMOBIUM

14 **Ammobium, Alatum Grandiflorum.** Everlasting flower; white; annual; fine for bouquets; 1½ feet..... 5

ANCHUSA CAPENSIS

A hardy annual of more than ordinary beauty. It grows about two feet high, branching freely and bearing a profusion of the most lovely flowers, similar in all respects to the Forget-Me-Not, though the blooms are much larger and of finer color. It is always taken for a beautiful, large-flowering Myosotis, and for bouquets and cut flowers it is indeed superior to it. Its color is a deep, clear, brilliant blue, with a pure white eye; one of the rarest and most lovely shades of that color. It blooms early and continues all summer.

15 **Anchusa Capensis** 10

MPERIAL DWARF AGERATUM, BLUE

ALYSSUM

Very hardy, free-blooming, dwarf plants, growing readily in common garden soil. The pretty, fragrant flowers are much prized for bouquets; excellent for the summer garden and for blooming in the conservatory in winter.

16 **Alyssum, Tom Thumb.** One of the finest for edgings and low beds, flowering in unparalleled profusion for months. Very fragrant and about 5 inches in height. Per oz., 50c.; per packet..... 5
17 **—Sweet,** flowers small and sweet, in clusters; 1 ft. *Hardy annual.* 1 oz., 30c 5
18 **—Benthami compactum** is a new, dwarf, compact variety not over 6 inches in height, bearing its pure white, fragrant flowers in greatest profusion. *Hardy annual* 10
19 **—Golden Saxatile,** flowers brilliant golden yellow, completely hiding the foliage. Plants about 1 ft. high; desirable for rock-work, and quite showy in masses. *Hardy perennial* 5

AGROSTEMMA (Jove's Flower)

The Agrostemmas are free bloomers, make attractive beds, and are useful for cutting. They present a beautiful appearance when grown in masses, or in a border with tall plants. *Hardy annual.*

20 **Agrostemma, cœli-rosea,** (Rose of Heaven) deep rose, fringed, 1 foot 5

AMARANTHUS SUNRISE

AMARANTHUS

The Amaranthus family embraces numerous plants valuable for the beauty of their foliage; many of the varieties have handsomely formed and highly colored leaves. They are very effective for autumn decorations, and are seldom equalled by any similar class of plants. *Half-hardy annuals.*

21 **Amaranthus splendens,** or Rainbow Plant. The finest of its class, with leaves of the most brilliant colors. The plant grows upright, the inner foliage is of a dark blackish bronze tipped with green, while the color of the outer foliage is of a bright scarlet and gold, very showy and distinct 10
22 —**caudatus** (Love-Lies-Bleeding), long, drooping sprays of flowers, 3 ft 5
23 —**melancholicus ruber,** compact, rich blood red foliage, 2 ft..... 5
24 —**tricolor** (Joseph's Coat), leaves scarlet, yellow and green, 1½ ft 5
25 —**Sunrise,** the most brilliant of the family. The top of the plant brilliant crimson, the lower leaves dark maroon 10

ALONSOA

Very pretty; bright little annuals of fine habit. Sow in slight heat and plant out early in May; easily grown; height, 1½ ft.
26 **Alonsoa,** finest mixed, choice varieties..... 5

AURICULA

A dwarf growing plant bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. *Hardy perennial,* ½ ft.
27 **Auricula,** extra choice mixed. Form a prize collection 25

ANAGALLIS

ANAGALLIS

Lovely dwarf plants, very effective as edgings, beautiful as pot plants, and valuable for rock works. *Half-hardy annuals.*
32 **Anagallis, finest mixed.** 5

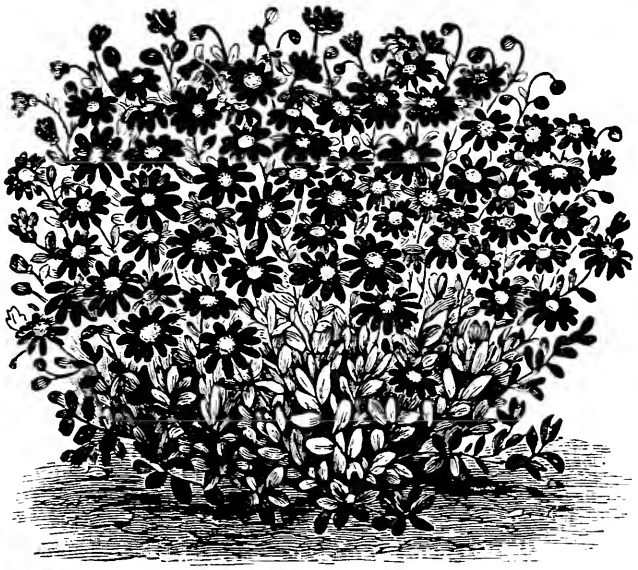
ARABIS (Rock Cress)

Charming white spring flower; very early; perfectly hardy; dwarf trailing habit; *perennial.*
28 **Arabis alpina** 5

ANTIRRHINUM

(Snapdragon)

One of the very best of our perennials. Spring sown seedlings will bloom in beds or borders the first season. By removing a portion of the flower stem in the summer the plants will throw up young shoots for autumn, making plants that will endure almost any winter. The seed we offer is from one of the finest collections. *Hardy perennials.*
29 **Antirrhinum major,** choice colors, mixed, 2 ft 5
30 —**Tom Thumb,** mixed, ½ ft..... 5
31 —**Queen of the North,** elegant habit, and densely covered with large white flowers. Most beautiful Snapdragon; each plant will occupy a foot to 18 inches 10



AGATHEA (MARGUERITE)

AGATHEA

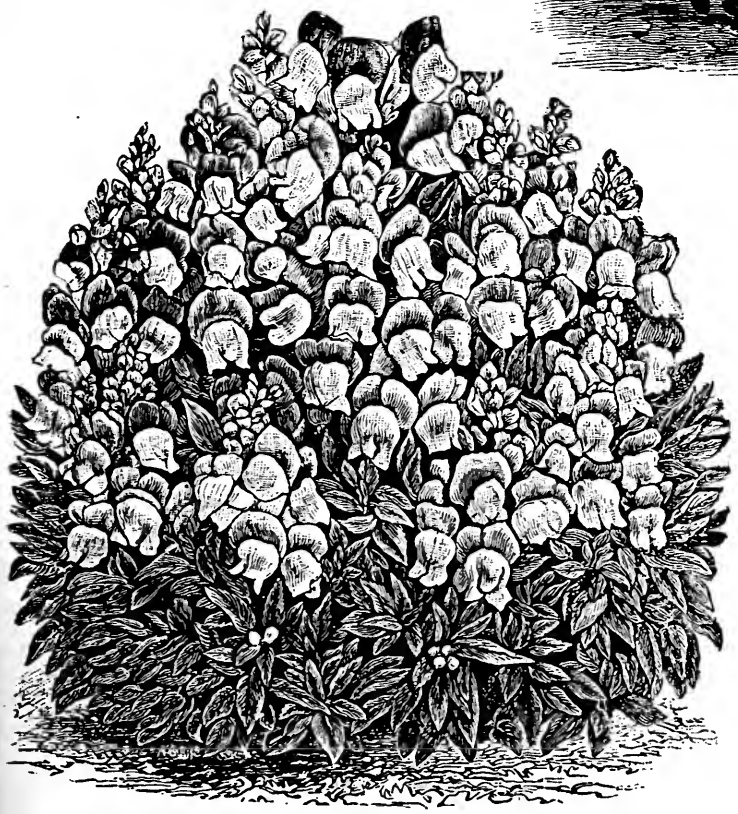
(Marguerite)

The flowers are the very counterpart of the Paris Daisy, except color, which is a sky blue with a yellow disk; it is of easy growth and produces flowers all the year; 2 feet, *Hardy annual.*
33 **Agathea Cœlestis** (Blue Marguerite), celestial blue. 10

AQUILEGIA

(Columbine)

The odd and peculiar formation of the flowers of the new and double sorts renders them well worthy of cultivation. They embrace a great variety of colors, exceedingly showy, and rank among the best plants for early summer blooming. Can be increased by a division of the roots. *Hardy perennial.*
34 **Aquilegia,** choice mixed, double varieties, 2 ft..... 5
35 —**Chrysantha,** canary colored, extra..... 10
36 —**Grandiflora Alba,** white; extra 10



ANTIRRHINUM, QUEEN OF THE NORTH

ARISTOLOCHIA

(Dutchman's Pipe)

A vigorous and rapid growing twiner, bearing singular brownish-colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall. The plants grow very quickly and soon make a dense shade. It readily attains a height of 20 feet, and is perfectly hardy. Start seed under glass, cover thinly, and transplant when weather becomes warm. *Hardy perennial.*
37 **Aristolochia sipho**..... 10

ASPERULA

A most profuse bloomer, and of dwarf habit. The flowers are very sweet-scented, and last a long time in perfection, for making up small bouquets it is all that can be desired. *Hardy annual.*
38 **Asperula azurea setosa,** light blue, 1 ft. 5

BARTONIA AUREA

39 **California Golden Bartonia.** This is one of the showiest and brightest of garden flowers; large golden blossoms borne in great profusion all summer; 1 foot. *Annual.* (See cut)..... 5

BARTONIA AUREA

Try the Rainbow Mixture Tall Nasturtiums, they are really fine.

OUR SUPERB ASTERS

The Seed we offer has been saved from the very best double Flowers only

NEW GIANT COMET

NEW AMERICAN BRANCHING ASTERS

A selection from Semple's Branching Asters, which for size of bloom, freedom of flowering and other good qualities we have never seen equalled. The plants form strong, robust bushes, about 2 feet high, bearing profusely on long, strong stems, handsome Chrysanthemum-like flowers, many being over 6 inches in diameter. The form of the flowers makes them particularly desirable as cut flowers. They come into flower from two to three weeks later than most sorts, filling in the gap between the general run of Asters and Chrysanthemums. *See cut.*

48 **Pure White** 10
49 **Deep Crimson** 10
50 **Shell Pink** 10
51 **Lavender Blue** 10
52 **Mixed Colors** 10

DWARF CHRYSANTHEMUM FLOWERED ASTERS

Of very compact growth; flowers from 3 to 4 inches in diameter, and very abundant, later than other varieties; therefore valuable for succession. 1 foot.

53 **Snow White** 10
54 **Brilliant Rose** 10
55 **Light Blue** 10
56 **Many Colors**, choice mixed 10

VARIOUS ASTERS

57 **Mignon.** Similar in habit to Victoria, but flowers are smaller, beautifully imbricated; pure white, and a very perfect form; one of the finest white Asters for cutting 10
58 **Dwarf Pyramidal Bouquet.** Pretty class; very profuse, producing 20 to 50 heads of bloom; grows 1 foot high. Mixed colors 10
59 **New Crown or Coeurdeau.** Many colors, mixed 10
60 **Lady in White.** Semi globular, fine for bedding pure white 10
61 **New Yellow Aster.** Splendid globular form 10
62 **Snowball, or Princess.** Excellent for bedding 10
63 **Queen of the Earlies.** This is the earliest of all; pure white, quite double flowers 10
64 **Washington.** One of the largest and finest varieties in cultivation; well grown flowers have measured 5 inches in diameter. Many colors, mixed 10
65 **Betteridge's Improved Quilled.** Perfectly double, large, showy Aster; flowers somewhat stiff in appearance; 1½ ft.; mixed ... 5

GIANT COMET ASTERS

These very beautiful Asters have flowers of immense size, often 6 inches across, composed of long, wavy, and twisted petals, formed into a loose yet dense ball globe, resembling the Japanese Chrysanthemums. *See cut.*

41 **New Giant Rose** ... 10
42 **New White Giant** ... 10
43 **Crimson Giant** ... 10
44 **Light Blue Giant** ... 10
45 **New Giant Sulphur Yellow** ... 10
46 **Giant Mixed Colors** 10

OSTRICH FEATHER ASTER

47 A new strain of Asters remarkable for their great beauty and value both for garden decoration or for growing for cut bloom. The plants grow from 15 to 18 inches high, and of very strong, luxuriant branching habit. The flowers measure from 4 to 5 inches in diameter, borne on long stems. The petals are long, wavy, and so twisted as to give an extreme Comet effect. It is without doubt a valuable addition. We offer it in mixed colors of white changing to red, reddish lilac, rose, and carmine. Price, per pack 1, 10c.

AMERICAN BRANCHING ASTERS

IMPROVED VICTORIA ASTERS

Improved Victoria. Undoubtedly the handsomest Aster in cultivation, of which we have an excellent strain; flowers very large and perfectly double, of globular shape; fine pyramidal form; 1½ ft.

66 **Pure White** 10
67 **Crimson and White** 10
68 **White Tinted Pink** 10
69 **Appleblossom** 10
70 **Light Blue** 10
71 **Crimson** 10
72 **Dark Blue** 10
73 **Rose** 10
74 **White turning to Azure Blue** 10
75 **Bright Rose tinged White** 10
76 **Light Blue and White** 10
77 **Indigo Blue on White Ground** 10
78 **Many Colors**, finest mixed ... 10
Collection of 12 separate colors 60

ASTER, PERENNIAL (MICHAELMAS DAISY)

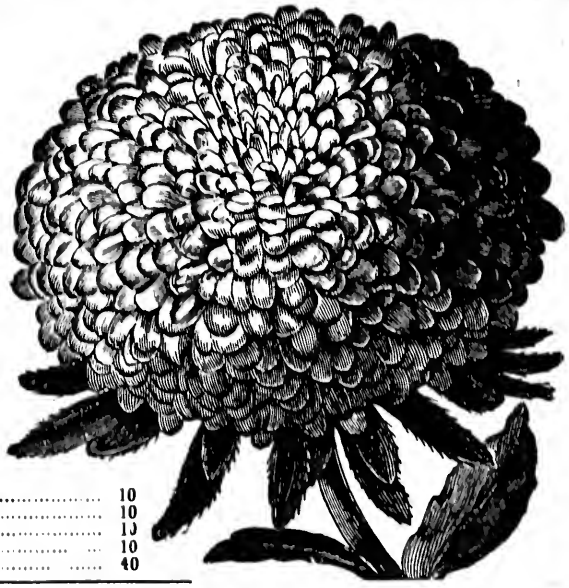
79 These hardy perennials are easily raised from seeds, and if sown early in spring are likely to bloom the first season. They grow readily in any good garden soil, and are very attractive autumn-flowering plants. Finest mixed 10

TRUFFAUT'S PÆONY FLOWERED ASTER

TRUFFAUT'S PÆONY FLOWERED PERFECTION ASTERS

Large and remarkably fine flowers, with long, beautifully incurved petals, resembling those of the Pæony. One of the finest Asters cultivated; 2 ft.

80 **Pure White** 10
81 **Gravelotte**, deep blood red 10
82 **White**, with dark rose 10
83 **Brilliant Rose** ... 10
84 **Crimson Ball** ... 10
85 **Light Blue** 10
86 **Dark Blue** 10
87 **Brilliant Scarlet** 10
88 **Mixed Colors**, extra choice 10
Collection of 8 Separate Colors 40



IMPROVED VICTORIA

A COLLECTION CONTAINING THE ABOVE FOUR ILLUSTRATED VARIETIES, 25c.

BALSAMS

BALSAM (Lady's Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil. *Tender annuals.*

91 **Balsam, La Malmaison.** Magnificent, large double blush pink flowers, the exact fac simile in color of the famous Malmaison rose; and with a satiny sheen in the sunlight as if sprinkled with diamond dust ... 10

92 —**"Queen's White."** The finest double white Balsam ever offered. It comes uniformly double, very white and exceedingly firm, with a slight pink tinge on the back. The stem is firm, and thoroughly joined to the flower, so it can be easily and securely stemmed. This is a great advantage for florists' use. ¼ oz., 40c... 10

93 —**Maiden's Blush.** A very charming and delicate shade of rosy pink, several shades lighter than the apple blossom ... 10

94 —**Apple Blossom.** One of the most charming of all Balsams; large, double, deep, rosy pink shade. 10

95 —**Crimson Spotted,** very handsome ... 10

96 —**Scarlet Spotted.** These are very fine ... 10

97 —**Rose Flowered,** double, choicest mixed ... 5

98 —**Camellia Flowered,** double, choicest mixed ... 10

99 —**Our Invincible Balsam Mixture,** embracing all the above shades and colors, per pkt ... 15

BRACHYCOME

BRACHYCOME

The Brachycome, or Swan River Daisy, is a charming flower, which is offered in white and blue varieties, the blue being the original color, or that of the wild plants, while the white has been produced under cultivation. The plants grow about eight inches in height and bloom freely. The seeds can be sown in the house early in the spring, and the plants afterwards set out in the ground where they are to bloom, or the seeds can be sown in the ground after the fine weather in spring has come. This flower is an original, simple beauty, and needs no art to heighten its charms. Flowers fine for cutting. Give it a chance and you will be delighted with it. *Annual.*

100 **Brachycome Iberidifolia.** (Swan River Daisy) blue and white mixed ... 5

CALANDRINIA

Very beautiful creeping plants, admirably adapted for planting in rock-work, where they will produce flowers in profusion. This plant does best in light, sandy soil. *Hardy annual.*

116 **Calandrinia, Grandiflora,** mixed ... 5

CACALIA (Tassel Flower)

A neat half-hardy annual of easy culture, with tassel shaped flowers; blooms from July to September in clusters; fine for borders. Golden yellow and scarlet; 1½ ft.

117 **Cacalia, Mixed** ... 5

CATCHFLY

An early flowering plant, with small flowers, white, red and pink. A moisture forms on the stalks, which sometimes entraps flies, hence the name "Catchfly." *Hardy annual.*

118 **Catchfly,** mixed, 1½ ft. 5

CARAGANA

(or Siberian Pea)

This is the plant of all others suited for our North West, where it will stand the climate well. It is a tall growing shrub, say four to five ft., somewhat like the Laburnum in appearance, being profusely covered with pea shaped yellow flowers in May. We are confident it will please all who try it.

119 **Caragana Aborescens.** (Tree Shrubs) 10

BEETS ORNAMENTAL

In Europe the foliage beets are among the most effective bedding plants, producing immense leaves, often 2 ft. long and 8 or 9 ins. broad, beautifully colored and crinkled. Planted in a bed together, 1 ft. apart each way, they are grand. One great feature is the fact that the frost does not kill them, but only colors their leaves all the brighter, and until they are covered with snow they are objects of great beauty.

101 **Beets, Ornamental, Scarlet**... 10

102 —**Crimson** ... 10

103 —**Silver** ... 10

104 —**Yellow** ... 10

105 —**1 pkt.** each color for ... 25

106 —**Mixed Colors** ... 10

107 —**Dracena leaved,** dark red lustrous leaves ... 10

BIGNONIA RADICANS

(Trumpet Creeper)

108 A splendid climbing plant, suitable for covering dead trees, fences, etc., with large clusters of trumpet-shaped orange-red flowers; blooms in August; about 3 ins. long, handsome in bud as well as in flower. The foliage is also very beautiful, a collection of small leaflets arranged upon a single stem, beautiful for vase and flower work ... 10

CALENDULA

CALENDULA

The old pot "Marigold" has been greatly improved. The "Oriole" and "Trainon" just introduced are really novelties of remarkable beauty, deserving a place in every garden.

109 **Calendula "Trainon" The Royal Marigold.** The fine double flowers are very showy, of a bright sulphur-yellow, with very dark brown, nearly black centre. Both the Royal Marigold and the Oriole are borne on long stems ... 5

110 —**Meteor.** Perfectly double and beautifully striped, cream color, edged with orange. Per oz., 20c ... 5

111 —**Oriole, or Large-Flowering Bright Yellow.** This is surpassingly grand and brilliant, far eclipsing any Calendula hitherto known. The extra large double flowers are indescribably rich and glowing in tone, and of an intensely bright golden yellow ... 10

CACTUS SEED

Growing Cactus from seed affords untold interest and pleasure. Sow under glass in light sandy soil.

112 **Cactus, Opuntia Lurida** (Candle Cactus). Grows very fast from seed ... 20

CAMPANULA (Canterbury Bell)

The well-known popular, large, bell-shaped flower, known everywhere as Canterbury Bell, is a biennial Campanula. There are double varieties of every color, but though curious, are not really so beautiful as the old single Bell. They lose that light transparent grace so attractive in a flower. We never yet saw a bell shaped flower improved by doubling.

113 **Campanula, "Cup and Saucer."** A new and beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter, presenting the form of a saucer. The plant is of strong growth, quite hardy and floriferous, and is very elegant and handsome when in flower, the blossoms liberally hiding the plant. It is highly ornamental in the flower border or potted for conservatory decorations. *Perennial*... 10

114 —**Media** (Canterbury Bell). Large flowering single varieties. One of the finest flowers in cultivation. Mixed; 2 ft. *Perennial* ... 5

115 —**Double,** mixed. *Perennial* ... 5

CANTERBURY BELL

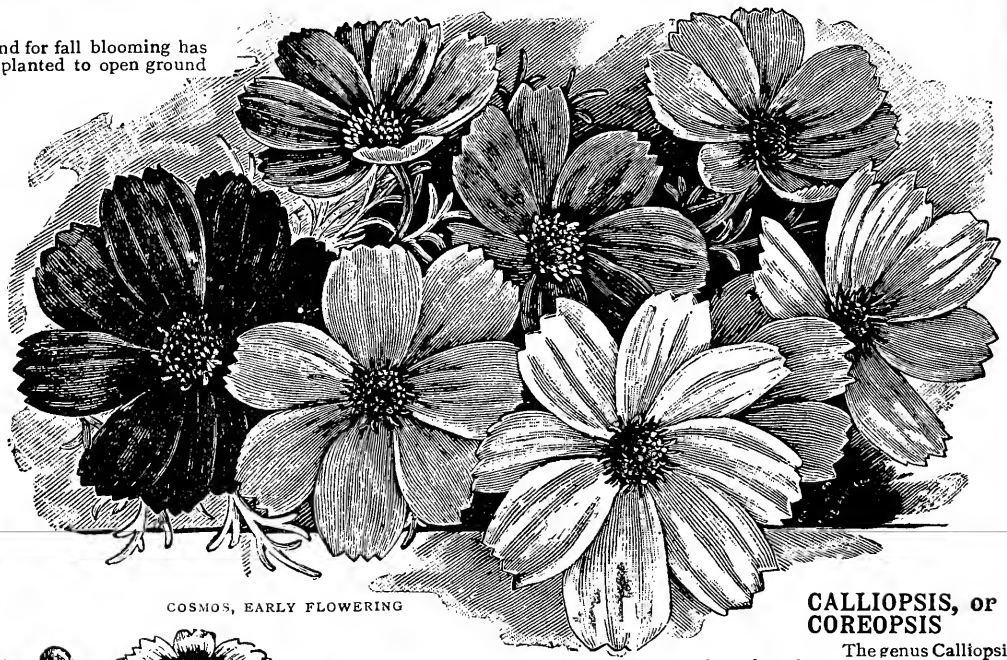
COSMOS

This is a strong grower, having elegant foliage, and for fall blooming has no superior. Seed sown in April or May and transplanted to open ground will produce plants 3 to 5 feet high by September, which thereafter, and until November, will yield hundreds of blossoms 3 inches across, resembling single Dahlias in form. Planted in pots and brought inside to flower like Chrysanthemums, they are grand. They are of various shades from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. One of the best flowers.

121 **Cosmos, Early-Flowering Hybrids.** The earliest strain of Cosmos in existence, if sown in May in the open ground, it usually blooms by the first or second week in July. The colors include pure white shades of lilac, rose and crimson. Our seed is grown in Massachusetts and has frequently ripened and been gathered before the ordinary Cosmos had begun to bloom. **Finest mixed** 10

122 **—Early-Flowering. White** 10

123 **—Large Flowering.** A vast improvement over the old sort; flowers are double the size, the petals being broader and overlapping, forming a perfectly round flower. Fine for cutting for bouquets and vases, lasting several days in water. The foliage is one mass of feathery emerald-green. The flowers, white, pink and crimson, lasting till early frost. **Mixed** 10



COSMOS, EARLY FLOWERING

FRENCH CANNAS

This new and entirely distinct class of Cannas is of dwarf, compact habit, producing flowers similar to those of the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades from light lemon to the deepest orange and red, to cherry and the deepest magenta, many being beautifully marked, streaked, mottled and flamed. They are equally valuable for groups, solitary plants and for house decorations. Crack the seeds before planting. Sow early in a hot bed, then transplant into not too rich soil; the plants will bloom from July or August until cut down by severe frost.

124 **Canna, Crozy's Large Flowering Dwarf French. Finest Mixed.** Comprising all the newest and most beautiful varieties 10

125 **—Indian Shot.** Finest mixed varieties 5

COREOPSIS, "GOLDEN WAVE"

CALLIOPSIS, or COREOPSIS

The genus Calliopsis embraces a number of useful and brilliant hardy annuals. The plants are usually 2 or 3 ft. high, of slender habit and rapid growth. The flowers are of various shades of yellow, orange and rich reddish brown, and make brilliant groups or low screens. Seeds grow very readily, and may be sown where plants are to flower. They usually grow 3 ft. in height, and should be given plenty of room to spread.

138 **Coreopsis Lanceolata Grandiflora, "Harvest Moon."** Of very strong growth and compact habit; bears sprays of large beautiful flowers of a rich golden yellow in great profusion 10

139 **—Golden Wave.** In the annual section of the Coreopsis family this is perhaps the most effective and beautiful. A mass of golden yellow all summer 10

140 **—Mixed Colors,** 2 ft. 5

141 **—Lanceolata Grandiflora, "California Sunbeams."** These lovely improved varieties, seedlings of "Golden Glory," are much larger and more beautiful than any heretofore offered. The petals are broad, with plain round edges in some flowers, in others they are pinked, toothed or irregularly fringed; some are semi-double; in many the petals are daintily curled. They vary in color from pale light yellow to orange yellow. Flowers keep fresh in water for a week or ten days 10

CENTRANTHUS

These form beautiful masses or borders, and for bouquets or other floral work are excellent. The flowers are small, borne in clusters on light green, almost transparent stems. *Hardy annual.*

126 **Centranthus,** rose and white mixed; 1 ft. 5

CHRYSANTHEMUM

The annual varieties of Chrysanthemums are exceedingly pretty. Set one foot apart. *Hardy annuals.*

127 **Chrysanthemum Eclipse.** Of all our new annual Chrysanthemums, none are more beautiful than the "Eclipse." Flowers 2½ to 3 ins. in diam. 5

128 **—Tricolor,** various shades of colors; 1 ft 5

129 **—Burridgeanum,** various shades and colors, mixed, 1 ft. 5

130 **—Paris Daisy or Marguerite,** large white star-shaped flowers, 2½ ft. 10

131 **—Inodorum double white,** a perennial sort, flowering the first season from seed and producing fine double-white flowers, excellent for bouquets 10

(For Chinese and Japanese varieties see Greenhouse).

ANNUAL CHRYSANTHEMUM

CLEMATIS

Rapid growing climbers, fine for arbors and verandas The flowers are very handsome, and are continually in bloom. *Hardy perennial;* 15 ft.

132 **Clematis Flamula** (Virgin's Bower). Producing beautiful clusters of small white fragrant flowers 10

133 **—Large Flowering,** mixed (Jackman's). Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc. 25

CONVOLVULUS, or MORNING GLORY

A well-known climber, free flowering, succeeds well in almost any situation. Height, 15 feet. *Hardy annual.*

134 **Morning Glories, New Imperial Japanese.** (Ipomæa Imperialis). The flowers of this charming, hardy climbing annual are of gigantic size, exquisite variety of colors and with magnificent marbled foliage. The flowers measure from four to six inches across. The colors are limitless in variety. They are of the easiest culture, and if sown early in warm, sunny position and watered freely produce magnificent results. Choicest mixed 10

135 **—New, Double-Flowered.** (Ipomæa Purpurea Flore Pleno). This first double-flowered Morning Glory ever introduced, is of rapid growth and produces its flowers very freely. Petals white with spot of red or blue at base. About 80 per cent. true from seed 10

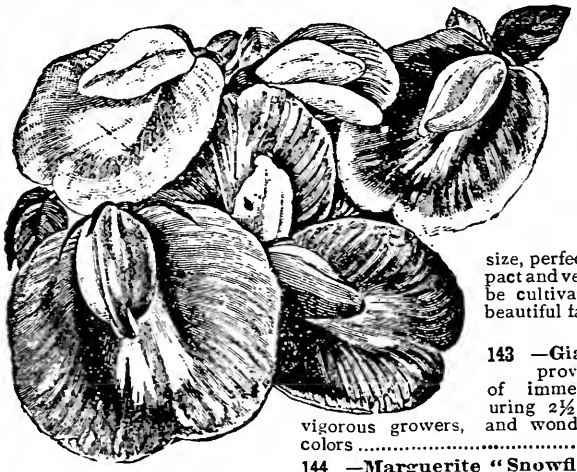
136 **—Tall Morning Glory** (Convolvulus major), mixed colors, per oz., 20c 5

137 **—Minor or Dwarf,** many varieties, mixed, oz., 25c 5

JAPANESE MORNING GLORY

CARNATIONS

These well known charming plants are highly prized for the delicious perfume of their flowers. They are invaluable for pot culture or bedding out in summer. *Half hardy perennial.*



CENTROSEMA

142 **Carnation, New Marguerite.** This grand new class excels in all respects; it is the most profuse bloomer of any of the Pinks. Exquisite in color, showing beautiful shades in white, red, pink, variegated, etc. It is large in size, perfect in form, of dwarf habit, compact and very robust. This variety should be cultivated by all lovers of this most beautiful family of Pinks. Mixed 10

143 —**Giant Marguerite.** An improved strain, producing flowers of immense size, frequently measuring 2½ to 3 inches across. Strong, vigorous growers, and wonderfully free flowering; mixed colors 10

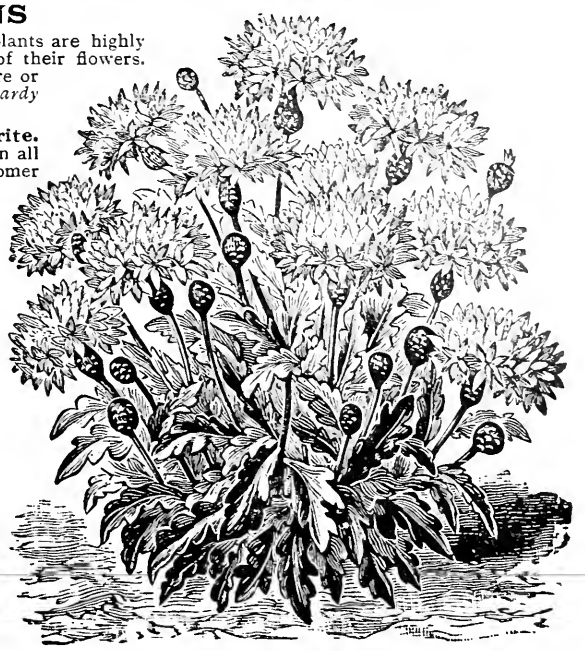
144 —**Marguerite "Snowflake."** Very early, clear white, and of delicious fragrance 20

145 —**Double Grenadin.** A splendid variety for florists, very early, charming double scarlet flowers 15

146 —**Perpetual, or Tree,** saved from the choicest double flowers; 1½ ft. 25

147 —**Double Mixed,** producing many double flowers of all shades and colors 10

148 —**Vienna Dwarf,** the best garden sort, which produces a large percentage of double, very sweet scented flowers in the largest variety of colors. With a slight protection of straw they will stand our winter 15



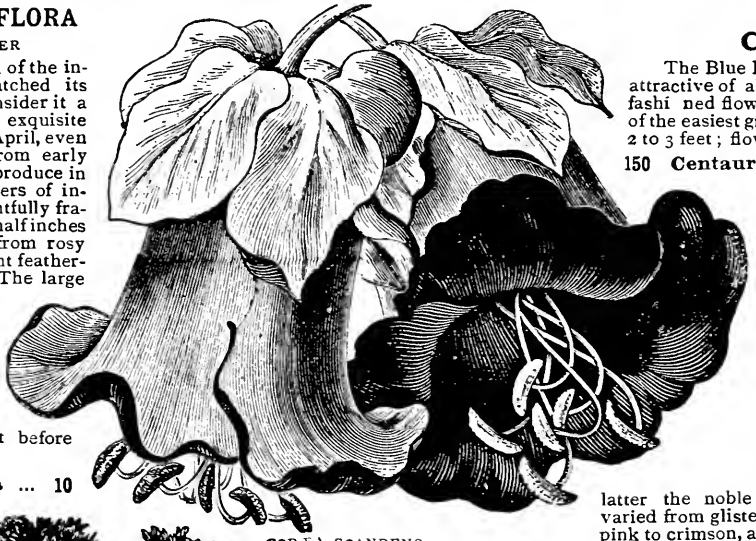
CENTAUREA MARGARITA

CENTROSEMA GRANDIFLORA

AN ENTIRELY NEW CLIMBER

We quote from the description of the introducer: "I have carefully watched its growth and development, and consider it a perfectly hardy vine of rare and exquisite beauty, which from seed sown in April, even in the poorest soil, will thrive from early June until cut down by frost, and produce in the greatest profusion large clusters of inverted pea-shaped flowers, delightfully fragrant, one-and-a-half to two-and-a-half inches in diameter, and ranging in color from rosy violet to reddish purple, with bright feathered markings through the centre. The large buds and back of the flower are pure white, making it appear as if one plant bore many different colored blossoms. It is well adapted for every purpose desired for a climber, running six to eight feet in one season." As the seed germinates slowly, we advise soaking it in warm water over night before planting.

149 **Centrosema Grandiflora** ... 10



COBÆA SCANDENS

CENTAUREA (Corn Bottle)

The Blue Bottle or Batchelor's Button is one of the most attractive of all hardy annuals, the graceful beauty of its old-fashi ned flowers being universally admired. A hardy annual of the easiest growth, and flowers freely and continuously; height 2 to 3 feet; flowers excellent for cutting.

150 **Centaurea Cyanus** (Corn Flower), mixed, valuable for cutting 5

151 —**New Double.** So perfect that fully 80 per cent. of the flowers are double and semi-double; they are also increased in size and present many bright colors and distinct markings hitherto unknown 10

152 —**Margarita.** Distinct from all other Centaureas, and undoubtedly the most beautiful variety known. The large flowers are of purest white, deliciously scented, and freely produced on long stems 10

153 —**Imperialis,** "New Imperial Giant Sweet Sultans." New giant-flowering hybrids, excelling in beauty and size. They are the result of crossing *C. Moschata* and *C. Margaritæ*, taking from the former the luxurious growth of the plant, and from the latter the noble flowers, the colors of which are infinitely varied from glistening white through shades of red, from flesh-pink to crimson, and through blues from silvery lilac to royal purple, etc.; fragrant; the airy grace of the giant long-stemmed flowers renders them of exceptional value. If cut scarcely opened they will last ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. 3 feet high 10

Centaurea Muschata. (See Sweet Sultan, also Greenhouse Seeds).

GIANT FLOWERING MARGUERITE CARNATIONS

COBÆA

The Cobæa is one of the most useful, beautiful and rapid growing of our climbing annuals; with large, fine foliage, large bell-shaped flowers, at first green, and changing to purple lilac, almost 1½ in. long, and 2 in. in width. In autumn the plants can be taken up, potted and removed to the house, where they will thrive and flower during the winter. For covering verandahs and fences, nothing surpasses the Cobæa, *Half-hardy annual.*

154 **Cobæa Scandens,** blue ... 10
155 " " white.. 10

CLEOME PUNGENS (Giant Spider Plant)

Seed sown in open ground in May commences blooming July 1st, and continues in the greatest profusion until frost; attaining a height of five or six feet, with great panicles of deep purplish pink bloom, as large as a Hydrangea. After it commences to bloom this plant is never out of flower while it lives. Wind or rain does not injure it. It is exceedingly showy and for a situation where a tall plant is desirable, no annual can surpass it.

156 **Cleome Pungens** (Spider Plant) 10

CYNOGLOSSUM (Venus Navel Wort)

A fine hardy annual, growing over a foot high, with long loose sprays of beautiful white flowers. Though not a new plant in Europe, we have seldom seen it in cultivation in this country, which is a wonder, for it is a charming thing. It is a great honey-producing flower, and bees just revel in it. It blooms very quickly from seed.

157. **Cynoglossum Linifolium**, very fine 5

CLARKIA

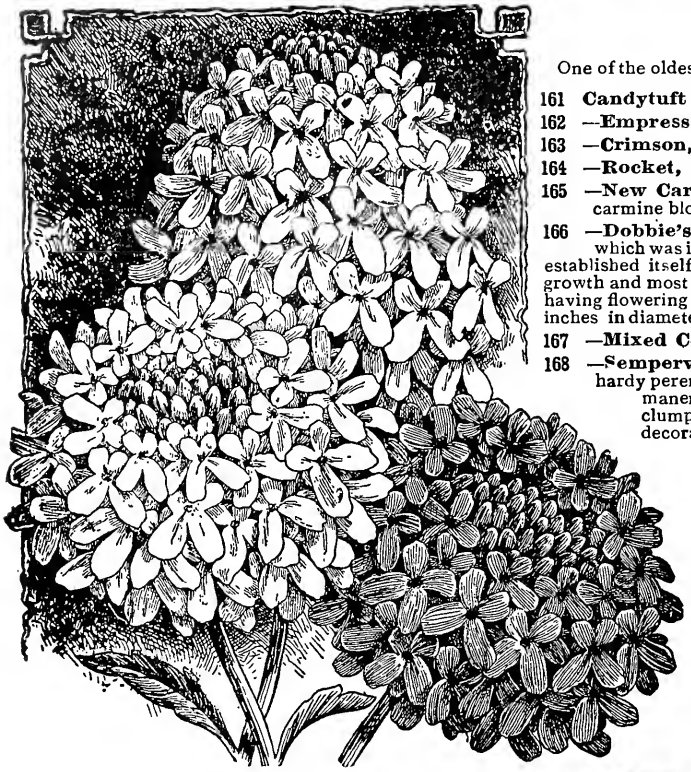
These are effective border plants, showy and profuse bloomers, well adapted to cool or shaded locations. *Hardy annuals.*

158 **Clarkia Elegans,** finest double varieties, mixed; 1½ ft 5

COWSLIP

The well-known favorite English Cowslip, flowering early in the spring.

159 **Cowslip,** yellow, ⅔ ft. 5
160 —**Mixed Colors** 5

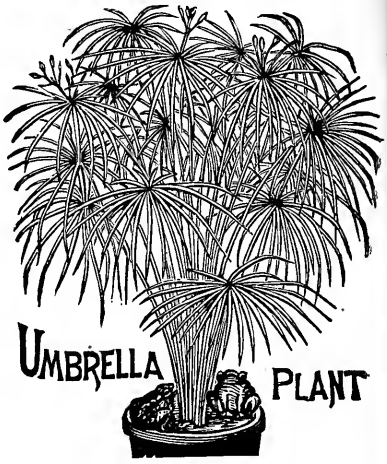


CANDYTUFT

CANDYTUFT

One of the oldest, most popular and useful border annuals.

161 **Candytuft** (Iberis), fragrant, pure white; 1 ft..... 5
162 **—Empress.** White; large and showy spikes; fine 10
163 **—Crimson,** very beautiful; 1 ft..... 5
164 **—Rocket,** pure white, large truss; 1 ft..... 5
165 **—New Carmine,** produces a mass of brilliant carmine bloom 10
166 **—Dobbie's White Spiral.** This Candytuft, which was introduced recently, has now thoroughly established itself in public favor. It is vigorous in growth and most distinct and telling in its appearance, having flowering spikes fully six inches long and two inches in diameter, closely set with pure white blooms. 10
167 **—Mixed Colors,** fine dwarf hybrids 5
168 **—Sempervirens.** Handsome, compact-growing hardy perennial plants, admirably adapted for permanent front rows of borders, or for low clumps or beds; very valuable for early decoration; white; 1 ft..... 10



CYPERUS (Umbrella Plant)

A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground. The leaves are striped with white, giving the plant a distinct and fine appearance. Sow early. It is of easy culture. *Half-hardy perennial.*
169 **Cyperus alternifolius**..... 10

COCKSCOMBS

The Cockscomb (Celosia) is quite easily grown from seed, and is certainly one of the most showy and brilliant of annuals. The combs of the best varieties often grow a foot or more across the top.
170 **Cockscomb, Dwarf, Finest Mixed** 5
171 **—Glasgow Prize.** Dwarf, with dark leaves and large, crimson comb 10
172 **—Variegated.** Variegated yellow and scarlet 5
173 **—Ostrich Plume.** A most attractive strain with very fine long-plumed or feathered flower-sprays. Mixed colors 10

CATANANCHE (Everlasting)

174 **Catananche.** Flowers white with violet centre, and blue with purple centre, quite double, somewhat resembling a pink, extremely showy. Hardy perennial; one and a half to two feet high. *Perennial* 5

CERASTIUM
(Snow in Summer)

One of the prettiest hardy perennial plants for bedding out or ribboning ever known, being of dwarf growth, densely branching, with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers.
175 **Cerastium Biebersteini,** 6 ins. high 10

CARDUUS
(Holy Thistle)

A very ornamental foliage plant; its large shining leaves are marked with white veins; grows freely. *Hardy annual;* 3 ft.
176 **Carduus Benedictus** 5

COCKSCOMB

DOUBLE DAHLIAS

DAHLIAS (from seed)

Everyone admires the double Dahlia, but few are aware that it can be grown so easily from seed, and flower so beautifully the first season. We offer choicest seed, that, if sown in spring, will give a magnificent display of brightest colors by August.
177 **Dahlias, New Striped Single.** The extra large single flowers, quite 4 ins. in diameter, comprise a wonderful variety of colors, beautifully striped, flaked, mottled and dotted in a charming manner..... 15
178 **—Single, mixed.** Finest strain in cultivation. Great variety in color and form 10
179 **—Double, mixed.** Extra fine, saved from choicest double flowers 15
See our Superb Collection of Dahlia Bulbs.

DATURA

Strong growing, ornamental annuals, with large showy flowers, making handsome plants, 2 to 3 ft high, for flower beds or borders.
180 **Datura Cornucopia.** A magnificent variety; stems dark purplish maroon; flowers average 8 in. long by 5 in. across mouth, interiors being glistening French white, with purple exteriors 10
181 **—Golden Queen.** Large double golden yellow flowers; very fragrant 10
182 **—Fastuosa Huberiana.** Large and double, inside white, outside generally colored; 3 ft... 5

Our Collection of Dahlias is Unsurpassed.

DIANTHUS OR PINKS.

DIANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese and Japanese varieties, bloom the first season, the same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

Double Annual Varieties

183 **Dianthus, Oriental Beauties.** A magnificent strain, which we have thoroughly tested. These flowers measure from 3 to 4 inches across, with petals measuring 1½ inches in diameter. They range in color from pure white through shades of pink and crimson. They are perfectly hardy, are perpetual bloomers, needing only to be cut back every few weeks to bring on a new crop of flowers 10

184 —**Chinensis** (China or Indian Pink). Double, mixed 5

185 —**Heddewigi Diadematus** (Double Diadem Japan Pink). Beautiful double flowers; mixed, of varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white 5

186 —**Imperialis** (Double Imperial Pink). Double variegated, mixed colors 5

187 —**Mourning Cloak.** The most striking of all the Pinks. The large double, almost black, flowers have a clear fringed edge of white 10

188 —**Eastern Queen.** Beautifully marbled; the broad bands of reddish lake upon the paler surface of the petals are very striking and pretty. One of the most valuable of late introductions 10

189 —**Crimson Belle.** As its name implies, is a rich crimson color, flowers of a very large size and substance, evenly and finely laciniated 10

Single Annual Varieties

190 **Dianthus Heddewigi.** Finest selection single flowered, mixed 5

191 —**Laciniatus.** A beautiful fringed variety; various colors 5

Hardy Perennial Varieties

192 **Dianthus Plumarius Fl. Pl.** Double and semi-double in beautiful colors 10

193 —**Plumarius Albus Fl. Pl.** Pure white, double, very fine 10

DELPHINIUM (Perennial Larkspur)

A class of hardy perennials, remarkable for their great beauty and highly decorative qualities. The principal color is light blue, shading to the darkest purple, also scarlet and white.

199 **Delphinium Cashmerianum.** Dark Blue Monk's Hoodlike flowers, very fine 10

200 —**Zalil** (Hardy Yellow Larkspur). Pure sulphur yellow, a lovely and delicate shade; plant of branching habit, 3½ to 4½ feet high, bearing spikes of 40 to 50 blossoms, each one inch in diameter, and lasting in flower from June till August 10

201 —**Grandiflorum, Double.** This, we think, is the finest strain grown of this indispensable hardy garden favorite. Charming colors, ranging through shades of blue from delicate porcelain and white to dark violet 10

202 —**Finest mixed, perennial sorts.** Saved from a choice collection of double flowered varieties 5

Annual Delphinium, see **Larkspur.**

ESCHSCHOLTZIA (California Poppy).

An exceedingly showy class of plants, bearing a profusion of richly colored flowers. Sow the seed where the plants are wanted to bloom, as they do not stand transplanting; they are perfectly hardy and will grow in every soil and bloom profusely all summer; thin to 6 inches apart.

203 **Eschscholtzia Californica.** Special mixture of California Poppies; includes all the best varieties 5

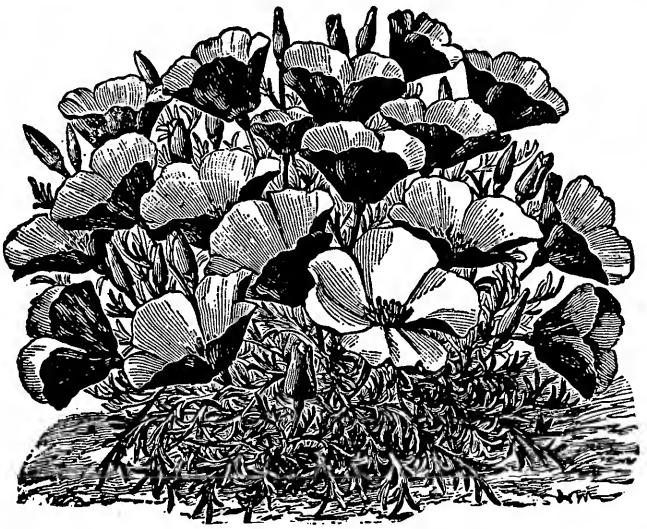
204 —**Californica Alba Plena.** Produces a large percentage of large double white flowers of great beauty 5

205 —**Mandarin.** A new and very beautiful variety. Thh outer side of the petal is a brilliant scarlet, the inner side rich orange 5

206 —**Rose Cardinal.** The flowers are of a rich, rose-colored hue, most effective and beautiful 5

207 —**New Giant Flowered Hunnemania.** A lovely new plant that will please everyone. It has the beautiful foliage of the Eschscholtzia enlarged, and develops into an herbaceous shrub 2½ feet high, adorned with jonquil-yellow flowers on stems 12 inches long. These blossoms are cup-shaped, with broad, overlapping, crinkled petals. The bright orange stamens are in fine contrast with the clear yellow flower. 10

208 —**Golden West.** Exactly the same as the beautiful Eschscholtzia Maritima, excepting in increased size of flowers, which, when well grown, measure from 4 to 6 inches across. Light canary yellow, with an orange blotch at the base of each petal 10



ESCHSCHOLTZIA "GOLDEN WEST."

DOLICHOS LABLAB

(Hyacinth Bean)

A splendid rapid-growing climber; flowers profusely and in clusters of white, purple and lilac flower spikes, which are followed by exceedingly ornamental seed pods. Plant the seed where they are desired to flower, and in as warm and dry a situation as possible. Give support for vines to run upon. Grows from 8 to 20 feet. *Half-hardy Annual.*

209 **Dolichos Lablab** 5

DIGITALIS (FOXGLOVE)

DAISY (Bellis Perennis)

Low-growing plants, producing in early spring their handsome double flowers. They grow best in rich, loamy soil and rather cool situations. *Hardy Perennial.*

194 **Daisy, Snowball.** Of all the Daisies grown from seed this is decidedly the best. It is an unusually large type; the flowers are perfectly double and of purest white, having stiff, long stems 10

195 —**Longfellow.** This variety produces dark pink flowers, usually large and double, very long and stiff flower spikes; valuable for bouquets 10

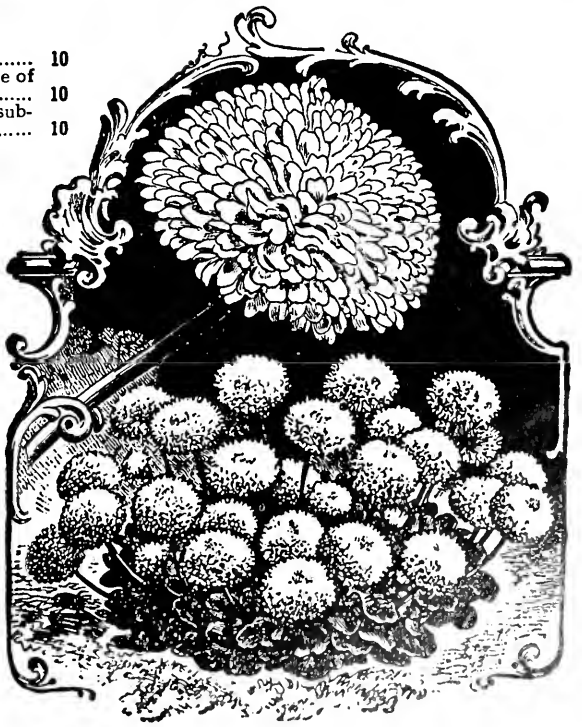
196 —**Double Quilled, mixed.** Flowers are composed of petals as round as a knitting needle 10

197 —**Double.** Finest of double varieties, mixed, ¾ ft. 5

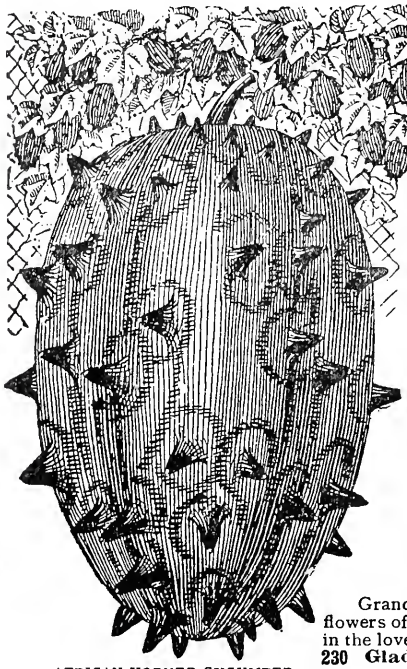
DIGITALIS (Foxglove)

Ornamental plants of much beauty, producing dense spikes of flowers on stems 3 to 5 feet high. The blossoms are thimble-shaped, purple, white and spotted, and very striking. Seed can be sown in spring or autumn; large roots can be divided. Flowers the second season. *Hardy biennial.*

198 **Digitalis, Fine Mixed Colors** 5



SNOWBALL DAISY



AFRICAN HORNED CUCUMBER.

GOURDS, ETC.

Quick-growing vines, desirable for covering arbors, walls, etc., and producing useful and ornamental fruit in great variety of shapes and colors. *Hardy annual.*

215 **Gourds, New African Horned Cucumber.** A remarkable, curious, beautiful and delicious Cucumber raised from seeds sent from West Central Africa by a medical missionary. May be allowed to trail over the ground, or if given a trellis will make an immense amount of ornamental vine and dense shade. The fruit is one of the most curious and ornamental objects imaginable. It is oblong in form, somewhat three-sided, and covered with strong, protruding points or horns. When the fruits ripen they turn a brilliant orange and yellow, in speckled and clouded effects, and keep sound and perfect for weeks. The vines grow luxuriantly and fruit profusely all summer long after other Cucumbers have died out; nothing seems to trouble it, either bug, worm or blight 10

216 —**Coccinea,** beautiful foliage, scarlet fruit..... 10
217 —**Cucumis Ardea,** green fruit, yellow stripe... 5
218 —**Cucumis Flexuosus,** fruit resembling a long green snake..... 5
219 —**Echinocystis lobata** ("Climbing Wild Cucumber"). Rapid, luxuriant-growing 5
220 —**Orange,** very like an orange 5
221 —**Hercules' Club,** large, club shape 5
222 —**Sugar Trough,** 5
223 —**Serpent Gourd** 5
224 —**Many sorts,** mixed..... 5
225 —**Collection** of 9 distinct sorts..... 40

GODETIA (Satin Flower)

A handsome flower and particularly useful because it will grow in shady places, where so few really fine flowers can be grown. They bloom a long time, and so profusely that the foliage is almost hidden by the many large, wide open flowers, of shining satin texture, and of the most delicate and lovely colors. This flower grows more popular each year, and it well deserves the partiality shown it.

226 **Godetia, Duchess of Albany.** Flowers glossy satin white, produced in great profusion. 12 inches 5
227 —**Lady Albemarle.** Flowers large, carmine crimson shade; the edges of the petals suffused with pale lilac; dwarf 5
228 —**Lady Satin Rose.** A most magnificent sort, unequalled for brilliancy and richness of color. The flowers are of a brilliant deep rosy pink, the surface shining like satin 5
229 —**Extra Choice Dwarf, Mixed** 5

GLADIOLUS

Grand summer and autumn flowering plants, producing long spikes of large flowers of hundreds of shades of colors; marked, striped, blotched, tinted, etc., in the loveliest manner.

230 **Gladiolus, Finest Hybrids, mixed.** Includes many sorts. 2 to 4 ft 10
See Bulb List.

GODETIA

NEW IMPROVED EDELWEISS

210 An improved strain of the old variety, the flowers are much larger and are borne in great profusion. They are of downy texture, pure silver-white and star-shaped. Succeeds well in almost any soil, not too rich, with full exposure to the sun.
Edelweiss (Gnapalium Leontopodium) 10

GAILLARDIA

Beautiful showy plants, giving a profusion of brilliant flowers during the summer and autumn; fine for cutting. *Hardy annuals and perennials.*

211 **Gaillardia, James Kelway.** The most beautiful variety grown; immense flowers, often 5½ inches *across*, of dazzling crimson scarlet with narrow gold edge; it is a hardy perennial variety, flowering abundantly until frost. A grand garden plant, 2 ft. high by 2 ft. through. *Hardy perennial* 15
212 —**New Perennial** (Hybrida Grandiflora). A lovely colored flower, perfectly distinct from any other and for all decoration quite a charming feature; perfectly hardy, producing abundance of flowers all the summer. For cut flowers one of the most useful plants of the garden. Mixed colors. 1½ ft..... 10
213 —**Loreziana, or Double Flowering.** Large round heads composed of 30 to 50 flowers, of orange, claret, amaranth, sulphur, etc. *Hardy annual.* 5
214 —**Aristata Grandiflora. Mixed Colors.** *Hardy annual* 5

EDELWEISS

GILIA

Very pretty; the flowers are borne in great abundance, and make up splendidly in bouquets. Showy for masses in the border. *Hardy annual.*

231 **Gilia, mixed colors,** blue, white and red 5

GYPSOPHILA (Infant's Breath)

Graceful, free-flowering plant, forming a symmetrical bush, covered with loose panicles of flowers; excellent for cutting *Hardy annual.*

232 **Gypsophila Elegans.** White, 1½ ft..... 5
233 —**Paniculata.** White, free bloomer; excellent. *Hardy perennial.* 2 ft. 5

GLOBE AMRANTHUS (Gomphrena)

Showy, everlasting flowers, extensively used in winter decorations. Seed should be started in gentle heat, as they are slow to germinate outside. *Tender annual.* 1½ ft.

234 **Gomphrena.** Finest mixed 5

HELICHRYSUM

Handsome, everlasting flowers, blooming freely till late in the season; extensively used in winter bouquets of dried flowers, for which purpose they should be gathered before being fully open. *Hardy annual*

235 **Helichrysum, double, finest mixed.** Large flowered, rich and showy colors, 2 ft. 5

HELIPTERUM (Everlasting)

A distinct dwarf with small foliage and large globular clusters of rich yellow star-shaped flowers. *Hardy annual.*

236 **Helipterum Sanfordi,** 1 ft. 10

HIBISCUS

A showy and ornamental class of plants, with large and beautiful colored flowers, growing freely in common garden soil. *Hardy annual.*

237 **Hibiscus Africanus.** Buff, with maroon centre, 2 ft. 5
238 —**Crimson Eye.** A robust grower with dark red stems and foliage. The flowers are from 6 to 7 in. across, of purest white, with a large spot of deep velvety crimson in the centre of each flower. A well developed plant will produce several hundred flowers in a season..... 10

HIBISCUS "CRIMSON EYE"

HELIANTHUS or SUNFLOWER

The Helianthus, or Sunflower, is an old and well known flower. Many of the new and best double varieties are attractive and produce a fine effect among shrubbery, or when used as screens, growing from 4 to 6 feet in height. *Hardy annual.*

240 **Helianthus Californicus, fl. pl.** Extra large and very double flowers 5

241 **—Globe of Gold,** Flowers immense, from 12 to 15 in. in diameter, globular and extremely double, the most effective of all annual Sunflowers 10

242 **—Silver Queen.** The whole plant, which grows to 6 feet in height, is covered with a dense silky silver white felt; the flowers are very numerous, single, with a jet-black centre..... 10

243 **—Cucumerifolius "Stella."** A splendid and valuable addition to the long-stemmed flowers for cutting. Grows from 3 to 4 feet high, and differs from the Miniature Sunflower by its larger and better formed flowers of the purest golden yellow with black disc. The flowers measure from 2½ to 3 inches across, are borne on long stems, and rise well above the lively green, small foliage. If sown in a sunny spot in April, flowers may be cut daily from the end of June until frost kills the plants. Its regular growth and free-blooming habit also make it valuable for large groups or single specimens..... 10

244 **—Dwarf Double Flowering.** This is a most useful and ornamental plant. It grows about 4 feet high and produces a large double flower on the top of the stalk and one on each leaf-joint, which latter are borne on a short stem. The terminal flower is the largest, being about 6 inches in diameter; from this they gradually grow smaller in size toward the base of the plant, where they are only about 3 inches in diameter. The flowers are perfectly double and produce a very large amount of seed..... 10

245 **—Macrophyllus Giganteus.** Grows from 3 to 4 feet high, each stalk producing a single flower 18 inches in diameter..... 5

246 **—Mammoth Russian.** As the name implies, of gigantic dimensions, both of flower and stalk; seeds are largely for chicken feed. Per lb., 25c.; ¼ lb., 10c 5

247 **—Mixture of many Varieties,** per oz., 15c.; pkt 5

248 **—Collection of 7 different sorts**..... 40

DWARF DOUBLE SUN-FLOWER "GLOBE OF GOLD.

IPOMEAS

These beautiful climbers are exceedingly attractive and useful, and deserving of cultivation. Start seed in hotbed or greenhouse, and plant out when weather has become warm. *Tender annuals.*

249 **Ipomea, Bona Nox** (Evening Glory or Good Night). Flowers expand in the evening, are large, white and fragrant; 10 ft 5

250 **—New Cross-bred Moonflower.** Is of a luxuriant growth, an abundant bloomer, and will flower from 4 to 5 weeks before the white seeded varieties. The flowers are pure white, very large and delightfully fragrant 10

251 **—Setosa** (Brazilian Morning Glory). Grows with the greatest vigor and luxuriance, branching and climbing in all directions. We know of nothing so good for quickly covering a piazza, arbor or tree. The flowers are a beautiful rose color and borne in large clusters 10

252 **—Hederacea** (variegated leaved Morning Glory). Ivy-like foliage, very showy, mixed colors; 8 ft... 5

253 **—Quamoclit** (Cypress Vine), a favorite well known climbing vine, with graceful, airy foliage and handsome flowers; scarlet and white 5

254 **—Heavenly Blue.** Flowers which are borne in large clusters, are of a beautiful blue color, with yellow throat, and of immense size, plant being literally covered with bloom..... 10

KAULFUSSIA

255 Pretty free-flowering little plants, compact in growth, having most intense colored flowers, somewhat resembling the single Aster. A good plant for mixed beds and borders. *Hardy annual.* Mixed colors; ½ ft. 5

JAPANESE HOP (Humulus)

HELIANTHUS "STELLA"

HONEYSUCKLE

An exceedingly showy border plant, and well adapted for rock-work; produces its peculiar formed, very fragrant red and white flowers in abundance. Flowers the first season. *Half-hardy biennial.*

256 **Honeysuckle, French,** red and white mixed; 2 ft. 10
See plant list.

HOLLYHOCK

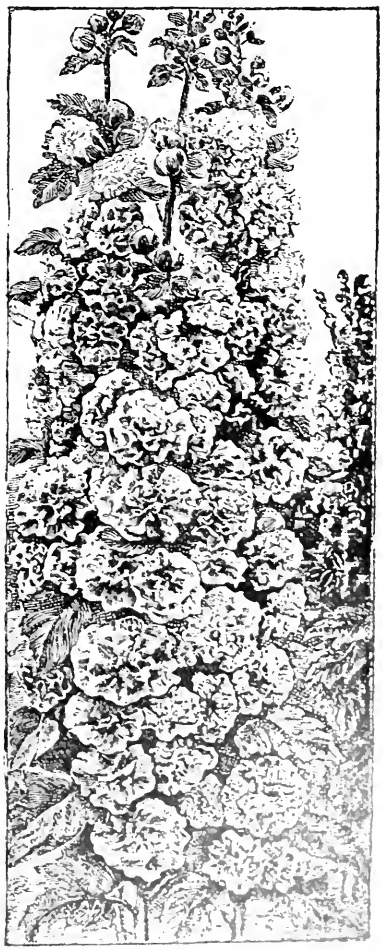
Our Double Hollyhocks are grand, perfectly double, colors brilliant, embracing yellow, lemon, white, black, rose, pink, deep red, variegated, etc. Seed can be sown in open ground at any time from May to September.

257 **Hollyhock, Tokio.** A most beautiful and characteristic Japanese variety, of healthy and luxuriant growth; attaining a height of about 5 feet, bearing an unusually large number of large double flowers of distinct and picturesque beauty; the petals are beautifully frilled, of rich wine maroon at the base, shading to cherry red and edged white..... 15

258 **—New Alleghenny.** These unique and beautiful Hollyhocks grow in pyramidal form to a height of only 15 to 18 in., and are covered from bottom to top with semi-double flowers about three inches across, the petals of which are crinkled and fringed like crumpled and slashed satin; the colors are crimson, white, pink, pink shaded with deep pink towards centre of flower, and pink with a white edge. Mixed colors..... 15

259 **—Blood Red**..... 10
260 **—Canary**..... 10
261 **—Crimson**..... 10
262 **—Pale Yellow**..... 10
263 **—Purple and White**. 10
264 **—Rose** 10

265 **—White**..... 10
266 **—Double,** very fine mixed 10
267 **—Collection** of nine distinct colors..... 75
See Plant List.



HOLLYHOCKS

HUMULUS JAPONICUS

JAPANESE HOP

The annual Japanese Hop, as shown in the illustration, is a most valuable and rapid-growing climber. It can be sown in the open ground in spring, and will attain enormous dimensions in a very short time; never suffers from the heat, and retains its color until late in autumn.

268 **Humulus Japonicus** (Japanese Hop). Highly recommended for the Northwest 10

269 **—Variegatus.** New variety, with handsome variegated foliage ... 10

LARKSPUR

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well fitted.

270 **Larkspur, Double Dwarf Rocket,** various colors, 1 ft.; oz., 40c 5
271 **—Double Tall Rocket,** various colors; 1½ ft 5
272 **—Emperor, Branching,** double, mixed, brilliant colors, very fine variety; 1½ ft..... 5

LAVATERA

Exceedingly valuable for distinct effect in masses, and for borders. The dark, green leaves are irregularly marked with greenish grey and pure white, which give the plant a distinct and handsome appearance. The plants in the early stage of growth do not show much variegation, but they are most marked and beautiful later on. *Hardy annual.*

273 **Lavatera trimestris,** rose and pink striped; 3 ft..... 5
274 **—Amborea variegata,** variegated foliage, handsome. *Perennial* 10

LYCHNIS

There are few plants more charming or brilliant; the flowers are produced in clusters, and are constantly coming out during the summer. To obtain good flowers the first season start seed under glass and transplant.

275 **Lychnis chalcedonica,** scarlet; 2 ft..... 5

LINUM or FLAX

A genus of most beautiful free-flowering plants; their brilliancy of color and long duration of bloom being surpassed by none. Seeds germinate best in the hot bed, but will do well if sown in a warm bed of light soil. *Hardy annuals.*

276 **Linum grandiflorum rubrum,** scarlet..... 5
277 **—Flavum.** Golden yellow perennial 10

LATHYRUS LATIFOLIUS

(Perennial Pea)

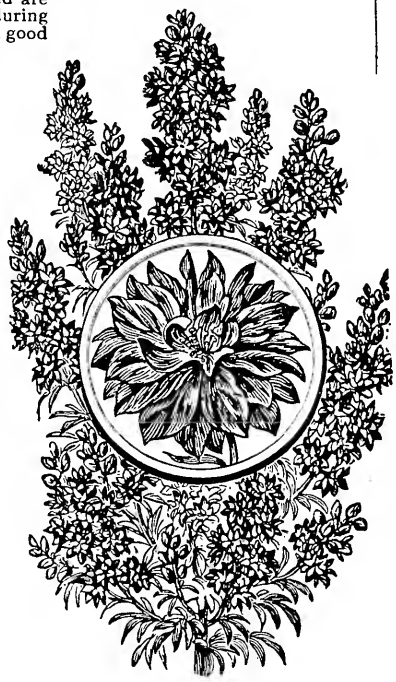
Handsome, free-flowering, hardy perennial climber of great beauty, with clusters of elegant, sweet-pea-like flowers in great profusion; 6 ft.

278 **Lathyrus, Finest Mixed** 5
279 **—Albus.** Pure white, elegant..... 10
280 **—Splendens.** Rich scarlet..... 5
Odoratus. (See Sweet Peas.)

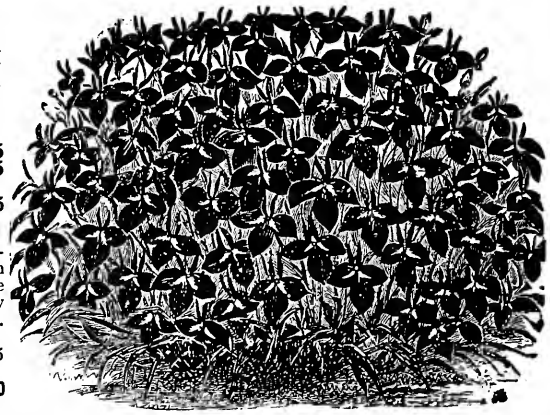
LOPHOSPERMUM

An exceedingly ornamental greenhouse climber, bearing numerous large, rosy-purple, Gloxinia-like-flowers. Also adapted for the open air, in a warm, airy position, with rich earth. Sow seed in March in a box; prick young plants out in pots. *Half-hardy annual.*

281 **Lophospermum, Scandens rose.** 10 ft... 10



LARKSPUR



LOBELIA, ROYAL PURPLE

LOBELIA

Gems of the flower garden. As an edging the Lobelia is unsurpassed, and no plant is more effective. Easily managed, and may be had in the greatest abundance from seed. *Half-hardy annuals.*

Compacta Varieties

Little, round, compact plants, 4 to 6 in. high, forming little mounds of bloom; splendid for edging, beds and ribbon gardening.

282 **Lobelia, Crystal Palace.** Deep blue, dark foliage; the best bedding sort. Grows only 6 in. high 10
283 **—White Gem.** Best white sort for ribbon and carpet bedding 10
284 **—Royal Purple.** In color this is a very rich shade of violet-purple without any trace of blue, as in all other sorts, and is very striking and effective, thus showing off its clear white eyes. The habit is semi-compact, not so much as the Crystal Palace, but not at all straggling 10
285 **—Cobalt Blue.** The finest dwarf blue Lobelia... 10

Erinus Varieties.

Branching plants for hanging over vases and baskets; 6 to 9 inches.

286 **Lobelia, Speciosa Superba,** dark blue with large white eyes, very showy 10
287 **—Gracilis,** a very fine variety for hanging baskets, vases, etc., trailing gracefully and bearing its beautiful blue flowers profusely 10
288 **—Fine mixed trailing varieties** 5

Hardy Perennial Varieties.

289 **Lobelia, Cardinalis.** A half-hardy herbaceous plant of very stately and handsome appearance, producing an abundance of large, intense scarlet flowers on a long and slender stem..... 10

LUPINUS

The Lupinus are all handsome and graceful, with spikes of pea-shaped blossoms of various colors, They look well as a back-ground to other low-growing annuals. The prevailing colors are blue, though there are white and yellow varieties, and seed must be sown where intended to remain. *Hardy annuals and perennials.*

290 **Lupinus, mixed varieties.** *Hardy annual* 5
291 **—Mixed varieties.** *Hardy perennial* 5

MARIGOLD

Wherever a rich display of bloom is desired, the Marigold is almost indispensable. The African varieties are tall, growing, usually two feet or more, while the French are more dwarf. Succeed well in ordinary garden soil. *Hardy annual.*

Marigold, Golden Ball. This is without doubt the finest double Marigold yet introduced; when grown to perfection the heads attain an enormous size, and are as globular and as dense as a knitted ball, 4 to 5 in. in diameter and beautifully finished. Awarded first-class certificates by the Royal Horticultural Society, London. We offer the Golden Ball in two separate colors and mixed.

New

293 **Golden Ball, Deep Orange Yellow,** flowers of a perfectly globular formation..... 15
294 **—Golden Ball, Clear Lemon-Yellow,** a remarkably fine variety, globular form, beautifully finished 15
295 **—Golden Ball, Mixed** 10
296 **—Dwarf French (Legion of Honor) or Little Brownie.** Grows quite regular, one foot high; blooms from July until frost. Flowers are of a lovely golden-yellow, with a broad velvety blotch on each petal 10
297 **—African Dwarf,** mixed, finest double varieties 5
298 **—French Tall Double,** finest double varieties, mixed, 2 ft..... 5
299 **—French Dwarf Double,** finest double varieties, mixed, 1 foot 5

MARIGOLD, GOLDEN BALL

PERENNIAL PEAS

MIGNONETTE

Mignonette does best in as cool a situation as possible. When exposed to the full force of the summer beat it begins to form seeds, sometimes before the spikes are fully grown; even our new large flowering varieties under such conditions would not develop their marked improvements.

301 **Mignonette, Giant White Spiral.** This grand Mignonette grows perfectly erect. Its color is pure snow white, and the grand spikes of bloom can be seen for a long distance, and being so beautiful in form and color, attract the attention of everybody. Its fragrance is rich and powerful 10

302 **—Golden Queen.** Dense pyramidal habit, throwing up numerous flower stalks, bearing spikes of yellowish blossoms. Oz., 30c 10

303 **—Red Giant** (Gabriel). Each plant forms a bouquet of a beautiful pyramidal shape, the lateral branches being arranged around the main stem, which is slightly raised in the centre. The beauty of this charming variety is the brilliant color of the double, dark blood-red flowers. Best for florists' use. Oz., 75c 10

304 **—Golden Gem.** The "Golden Gem" is of the same dwarf, compact, regular pyramidal growth, but with flowers of a rich golden yellow, which would contrast well with the bright red of the "Red Giant." It is suitable for pot culture, groups and edgings 10

305 **—Defiance.** This magnificent variety, when grown under favorable conditions and with proper care will produce spikes of remarkable size—from 12 to 15 inches long, and of the most delicious fragrance, more so than any other variety. The individual florets are of immense size 10

306 **—Machet.** The finest Mignonette yet known. The plant is a strong, bushy grower, bearing spikes of flowers in great number, which are of gigantic size and perfect pyramidal shape and of a brick red color. It is extremely beautiful and fragrant. Our stock is true and pure. Much inferior stock of this variety is being offered. Oz., 75c 10

307 **—Mignonette** (Sweet). Oz., 15c 5

—A Special Offer—
One collection of above six varieties for only 40c.

MARTYNIA

Exceedingly pretty, free-flowering plants with large flowers of great beauty, and producing a fine effect when planted in open borders; quite a curiosity. *Half-hardy annual.*

308 **Martynia fragrans**, fragrant, crimson-purple, 1½ ft.. 5

MALOPE

Very showy plants, suitable for large beds and mixed flowers and shrubbery. *Hardy annual.*

309 **Malope.** White and rose, mixed... 5

MATRICARIA
(Feverfew)

Handsome, free-flowering plants, good for beds and pot culture, with double white flowers and pretty curled foliage like parsley. Height, 8 inches.

310 **Matricaria Eximia, fl. pl.** 10

DEFIANCE MIGNONETTE

MAURANDIA

Charming climbers, elegant alike in flowers and foliage, and of graceful and slender growth. The seed should be started in hot-bed or greenhouse. *Half-hardy perennials.*

314 **Maurandia, finest mixed** 10

MIMULUS

Beautiful, singularly shaped and brilliantly colored flowers, with curious and various colored markings. In open ground, require a damp shady situation. *Perennial* for greenhouse, and *half-hardy annual* for out of doors.

315 **Mimulus Tigrinus** (Monkey Flower), double, tube-shaped flowers, beautifully spotted; 1 ft. 10

316 **—Giant Emperor.** Mimulus are admirable pot and garden plants. The flowers are of rich and varied colors, grotesquely mottled and figured 15

317 **—Musk Plant** (Muschatus), foliage emits a strong, musky perfume; yellow, ½ ft 10

MIRABILIS (Four O'Clock)

Handsome border plants, with rich glossy leaves, profusion of bloom, and divers colors and foliage. The flowers open in the afternoon, hence the name, Four O'Clock. *Hardy annual.*

311 **Mirabilis** (Marvel of Peru). Mixed; 2 ft 5

312 **—Variegated Leaved.** Flowers of a variety of colors; leaves light green, faintly marbled 5

MATHIOLA (Fragrant Evening Stock)

A garden plant grown for its delicious perfume, which is emitted in the evening and morning, also after a shower. *Hardy annual.*

313 **Mathiola bicornis.** Pink and lilac flowers; 1 foot 5

MIMOSA (Sensitive Plant)

Very interesting and curious. So sensitive is it that when touched the leaves instantly close and droop. Seed should be started under glass or in the house. *Tender annual.*

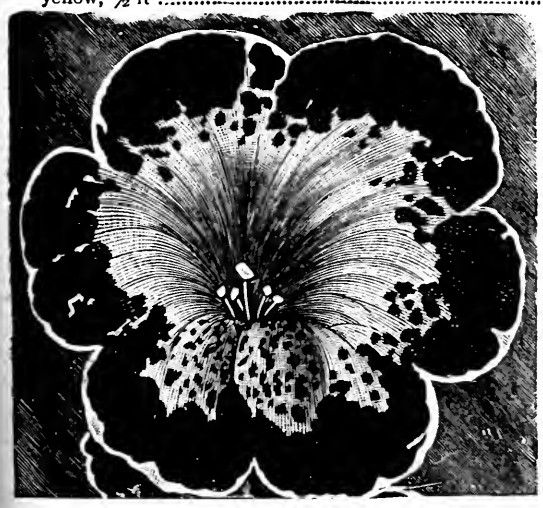
318 **Mimosa Pudica.** Pinkish-white; 2 feet 5

MESEMBRYANTHEMUM (Ice or Dew Plant)

The Mesembryanthemums are handsome and curious looking trailing plants. The most popular varieties are known as Ice Plant and Dew Plant; both are drooping in habit, and well adapted to hanging baskets, vases, rock work or edgings; the flowers are small and white. The Dew Plant has a smooth, light green, dewy-looking leaf, and a very pretty pink flower. *Tender annual.*

319 **Mesembryanthemum, Ice Plant.** Singular ice-like foliage 5

320 **—Dew Plant.** Rose, purple centre 5



NEW GIANT EMPEROR MIMULUS.

MYOSOTIS (Forget-me-not)

The popular "Forget-me-nots" are perennials and hardy enough to remain in the open ground, except in very cold latitudes, where they should be well protected; but they are generally sown in the fall and wintered over in cold frames, when they will flower early in spring; if sown early in the house they will flower the first season. *Half-hardy perennial.*

321 **Myosotis, Palustris** (Forget-Me-Not), white and blue 10

322 **—The Jewel.** The color is a remarkable sky blue, which shines out in a most conspicuous manner when side by side with other Forget-Me-Nots. 10

323 **—Victoria.** The flowers are large and of a bright azure-blue with yellow centres, borne in dense umbels. The plants grow about five to six inches high, forming neat globular bushes 5

324 **—Alpestris.** Blue; 6 inches 10

325 **—Dissitiflora.** Large, sky-blue flowers; very early and free blooming. 6 to 12 inches 10

MYOSOTIS VICTORIA.

NASTURTIUM

TALL OR CLIMBING

327 **Nasturtium, Scarlet and Gold,** Yellow foliage; flowers dark crimson scarlet, strikingly effective; oz., 25c. ... 5
328 —**White Pear** oz., 15c. 5
329 —**Dunnett's Orange,** oz., 15c. 5
330 —**Scarlet,** oz., 15c. .....
331 —**Striped Scarlet;** oz., 20c. 5
332 —**Crimson;** oz. 15c. 5
333 —**Yellow;** oz., 15c.... 5
334 —**New "Hybrids of Madame Gunther."** These new Hybrids of Madame Gunther make a strong growth, climbing from 5 to 6 feet high, and are covered from spring till fall with large substantial flowers of the most brilliant shades. They are remarkable for their wide range of colors; embracing rose, pink, salmon, purple, velvety dark maroon, light yellow, and deep orange in self colors, as well as striped and blotched in the most fanciful manner. So ornamental is this new strain that it deserves a place in every garden, either for climbing or trailing from vases, or over the ground; oz., 35c..... 10
—**Collection**, containing above 8 separate sorts 30
335 —**Our Rainbow Mixture.** A specially selected mixture of all the newest introductions, combining all the shades of color imaginable; oz., 25c..... 10
336 —**Mixed.** Contains many beautiful sorts; oz., 10c.; ¼ lb., 30c.; lb., $1 5

TOM THUMB OR DWARF NASTURTIUMS

337 **Nasturtium, Aurora.** The flower is of a deep chrome yellow, the upper petals showing lighter reflexes while the two lower petals are blotched with purplish carmine, and marked with bright carmine veining. The color is very pleasing and entirely distinct; oz., 25c. 5
338 —**Lady Bird.** A distinct sort. The ground color is a rich golden yellow, each petal barred with a broad vein of bright ruby crimson; charming; oz., 30c..... 5
339 —**Empress of India.** Splendid new dwarf variety, dark leaves and crimson flowers; oz., 30c.... 5
340 —**King of Tom Thumbs.** Intense scarlet flowers, dark foliage; oz., 25c..... 5
341 —**King Theodore.** Bluish green foliage, flowers velvety crimson; oz., 25c. 5
342 —**Golden King.** Brilliant Yellow; oz., 20c. 5
343 —**Prince Henry.** Flowers large, of beautiful cream color, marbled and spotted with bright crimson scarlet, frequently tipped wine red. Plants bushy and dwarf; oz., 25c..... 5
344 —**Cloth of Gold.** This magnificent dwarf Nasturtium is in striking contrast to all other varieties, foliage is a *clear, bright yellow*, and the deep scarlet flowers intermingle beautifully with the yellow leaves; oz., 30c. 5
345 —**Crystal Palace Gem.** Sulphur yellow with maroon spots; oz. 25c. 5
346 —**Ruby King.** —Of peculiar blue-tinted red; oz., 30c. 5
347 —**Pearl.** Creamy white; oz., 15c. 5
348 —**Beauty.** Orange and vermilion; oz., 15c. 5
349 —**Mixed.** Many sorts. Oz., 15c.; ¼ lb., 40c.; lb., $1.25 5
—**Collection** containing above 12 separate varieties..... 50

NIGELLA (Love-in-a-Mist)

Fine border plants with pretty cut foliage and curiously formed flowers which have procured for it the name "Love-in-a-Mist."

350 **Nigella Damascena** (Love-in-a-Mist), double, mixed colors. 3 feet 5

NEMOPHILA

These charming and useful dwarf-growing and hardy annuals have a neat, compact, uniform habit of growth, with shades and colors the most strikingly beautiful; arranged in any style which the fancy may suggest, the effect is pleasing and striking in the extreme.

351 **Nemophila. Choicest mixed**..... 5

NIGELLA

NOLANA

Nolanas are of a trailing habit, admirably adapted for rock work, hanging baskets, vases, etc. Flowers resemble the Morning Glory, brilliant, freely produced, of various colors. *Hardy annual*

352 **Nolana Atriplicifolia**, mixed colors 5

PICOTEE

Very much like the Carnation, as fine and more delicate in coloring. Seed sown in the open ground in May or June will flower well next season. *Hardy perennial*

353 **Picotee, fine double mixed**..... 25

PERILLA

These are useful plants either for back-ground or as single specimens in mixed borders, having fine, dark, ornamental, broad, serrated leaves of a purplish mulberry color. Start under glass. *Half-hardy annual.*

354 **Perilla Nankinensis**, 1½ ft..... 5

PÆONY

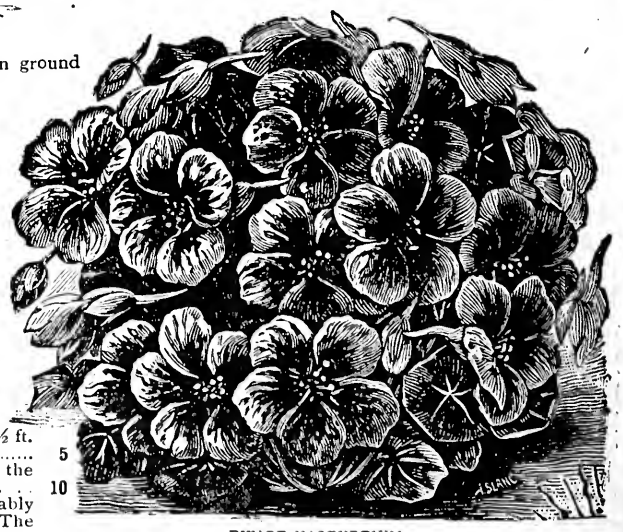
DOUBLE PÆONY

355 These are amongst the noblest and most beautiful of hardy flowers, and indispensable for the garden. The flowers are very large and of the most beautiful colors; they require the richest soil, and grow well in shady places. *Hardy perennial.*
Double mixed 10

ŒNOTHERA (Evening Primrose)

Charming, hardy plants, large showy flowers; old favorites in the flower garden. The flowers open in the evening in a sudden and curious manner.

356 **Œnothera biennis** (Evening Primrose) yellow: 1½ ft. *Half-hardy annual* 5
357 —**Acaulis alba**, very dwarf, leaves lying close to the ground, pure white flowers; 1½ ft. *Hardy perennial.* .. 10
358 —**Rosea** (Mexican Primrose). A trailing plant admirably adapted for planting in vases and hanging baskets. The flowers are of a soft, rosy pink, veined with red, shading lighter towards the edges 10



DWARF NASTURTIUM

GIANT SHOW MIXTURE

NICOTIANA (Tobacco Plant)

359 Nicotiana, Giant Red Flowering. One of the most magnificent decorative plants for picturesque effect on the lawn or in the garden. The foliage is luxuriant and tropical in appearance, and when the stately plants are surmounted with the immense clusters of rich crimson flowers. Height, 5 feet..... 10

360 —Colossea. Among ornamental foliaged plants coming to perfection the first season from seed, this ranks foremost. It is an annual (perennial when grown under glass), attaining a height of 5 to 6 ft. in the open ground. Leaves, about 3 ft. in length by 18 to 20 inches in breadth, are erect at first, gracefully bending down successively..... 10

361 —Affinis *(Solanaceæ)* Tobacco. Different both in growth and flowers, to the ordinary kind; producing splendid pure white noble flowers on long terminal tubes, with a delicious scent. When its gigantic white flowers are fully expanded in the evening and early morning, it has a most striking effect, and perfumes the whole surrounding atmosphere. Height, 2½ feet..... 10

POINSETTIA. Mexican Fire Plant.

362 —Showy, hardy annual, with orange, scarlet and crimson-tipped bracts. 4 feet 10

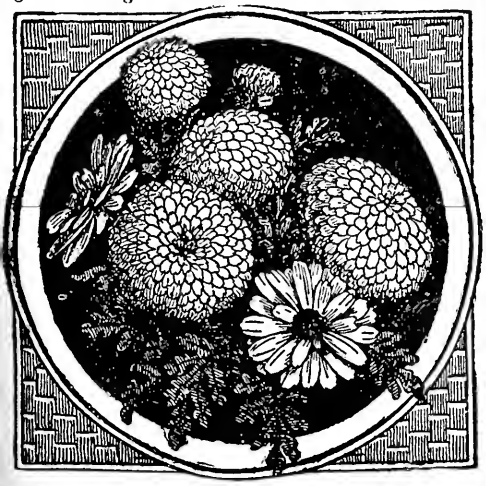
NICOTIANA COLOSSEA

PANSY

Our Pansy seed has been most carefully selected and will give greatest satisfaction. The best plants are obtained from seed sown in a seed bed in August and transplanted about the end of September to bed or border in which they are to bloom next spring; protect with a slight covering of straw or leaves during winter. Seed sown in boxes in March and transplanted early in spring will bloom freely during autumn. To ensure best results with Pansies, strong rich soil must be selected, the situation somewhat shaded and the plants not allowed to dry.

363 —Steele-Briggs' Giant Show Mixture. This strain comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. The result of many years' careful selection and hybridization; embraces all the attractive features that tend to make the Pansy the people's flower; ⅛ oz., $1 35

364 —Bugnot's Giant Fancy. Mixed Colors. celebrated French strain of extra large size, choicest colors, and beautifully broad blotches and delicate pencillings; the ground colorings are generally white or very light, bringing the elegant markings into strong relief..... 40



PYRETHRUM, DOUBLE WHITE

NEW TUFTED PANSY

365 —Cassier's Superb Giant. Many of the flowers are blotched on upper petals as well as on the lower, marked and shaded so as to resemble finest types of fancy Pelargonium 25

366 —New Tufted Pansy. For years these hardy, tufted Pansies have been grown in England, where they are most extensively used for borders, but they were always propagated by cuttings. We have succeeded in securing a limited amount of seed. The plants grow in dense, compact little bushes, which are completely covered with their bright flowers from early spring until late in the fall. The colors range in all shades of white, pink, blue, yellow, violet and purple, as self colors or in combinations. It is a decorative plant of the highest order; 3 pkts, 25c.... 10

367 —Eckford's Prize. The colors are brilliant and novel, dark, violet, gold, blue and white in eccentric variations of shades and markings, some striped, blotched or flushed with red and bronze, also recommended for size and beauty of form... 30

368 —Giant Trimardeau. This is without doubt the largest of all the Pansies. The blossoms are simply enormous, perfect in form, and run through all the various colors, from the lightest shade to the darkest purple. ¼ oz., 60c. 10

369 —Parisian, Giant Spotted, very large. This entirely new and beautiful variety of Pansy is an object of admiration; its flowers approach the Trimardeau in size, but with much more varied tones of color, and spots more apparent; the bloom is well held up by short, thick flower stalks, and gives fine effect for borders or for use in baskets or window boxes 25

370 —Giant Black. Immense jet-black flowers; velvety and of especially good substance 15

371 Pansy, Giant Golden Yellow Stained. Pure golden yellow, stained black at eye; extra fine 10

372 —Giant Blue (Emperor William). Deep blue; a large black blotch on each of the three lower petals 10

373 —Giant (Lord Beaconsfield). Upper petals lavender; lower petals rich deep violet..... 10

374 —Giant White. White, a small violet blotch on each of the three lower petals; very large 10

375 —Giant Yellow. Upper petals bright yellow; each of the three lower petals has a dark eye 15

376 —Giant Purple Gold Edged. A grand variety; combination of colors being very rich... ....

377 —Cardinal Red. Flowers large size, and perfect circular form; the lower petals marked with dark red blotch 10

378 —Peacock. This fine variety is a beautiful ultra-marine blue. Petals edged with thin white line within which is a space of purplish crimson, passing into a rich central blotch of deep blue shading to black 10

379 —Victoria. A very effective variety, with rich velvet-like petals of a bright claret color 10

380 —Extra Choice Large Flowering Mixture, oz., $2..... 10

381 —Choice Mixed, oz., $1 5

PRIMROSE (New English)

The new English Primroses comprise the most enchanting shades. They are of the easiest possible culture, growing readily and producing flowers in greatest profusion. Protect during winter. *Half-hardy perennials.*

382 Primrose, English, mixed 15

383 —English, yellow 10

PYRETHRUM (Flowering Sorts)

Valuable for cut flowers, stems 2 feet high and very numerous, each surmounted with handsome flowers in bright colors, remaining a long time in bloom. *Hardy perennial.*

384 Pyrethrum Roseum. Flowers large, yellow and rose colors 10

385 —White Double. Good as double Chrysanthemum 10

Yellow-Leaved Sorts

Dwarf-growing plants, largely used for edgings and ribbon work. *Half-hardy perennial.* ⅔ foot.

386 —Aureum (Golden feather) 10

387 —Selaginoides. Golden yellow, fernlike foliage 10

POLYANTHUS

Early blooming dwarf plant for spring flower beds or pot culture. Large round flowers are borne on stalks about 8 in. tall Yellow, maroon, crimson, etc.

388 Polyanthus (Primula elatior), finest gold-laced varieties..... 10

PENTSTEMON

Few hardy plants surpass Pentstemons. They bloom in June and continue until late in the fall. Flowers are half-pendant, bell-shaped, marked and marbled in beautiful shades.

389 Pentstemon. Mixed Hybrids 10

PHLOX STAR OF QUEDLINBURGH

PHLOX DRUMMONDI

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox.

PHLOX DRUMMONDI GRANDIFLORA

The large flowering kinds are a decided improvement on the Drummondi, producing flowers twice the size of the latter, with the most brilliant colors.

391 **Phlox Drummondi, Grandiflora, Splendens, bright scarlet,** with white eye, one of the finest, and quite constant ... 10
392 —**Alba,** white 10
393 —**Coccinea,** bright scarlet... 10
394 —**Elegans,** margin from rose to crimson, with large white centre or eye 10
395 —**Isabellina,** pale yellow..... 10
396 —**Mixed,** finest colors, per ½ oz., 30c 10
397 —**Mixed,** good varieties, per ¼ oz., 25c 5
398 —**Fimbriata or Fringed.** A valuable introduction, embracing 2 distinct and showy colors, purple-violet and carmine; these are rendered more effective by the beautiful fringed and toothed edges of the petals, having more or less a border of white..... 10
399 —**Star of Quedlinburgh** This floral novelty is of an extraordinary character. The growth of plants is similar in every respect to the Fimbriata, differing, however, in the distinct shape of its flowers. The pointed centre teeth of the petals (five in number) are three or four times as large as the lateral ones, and project beyond them like little spines, making them appear to have a starlike form, the effect of which is remarkable. The flowers are of various shades, embracing all the colors to be found in the old varieties of Phlox, and are excellent either for garden or pot culture. Packet 10

PHLOX DRUMMONDI

PHLOX FIMBRIATA

400 **Phlox Double White.** In this new variety we have the first Double Phlox yet introduced. It produces about 60 to 70 per cent. of perfectly double flowers of an exquisite pure white color and handsome shape 10
401 — **Nana Compacta** (Dwarf Sorts). A quite distinct strain of dwarf and compact growth; very desirable for pot culture and ribbon bedding, 9 in. Choice Mixture 10
402 —**Hardy Perennial** (Finest Dwarf Varieties). Perennial phlox are among the choicest flowers for bedding and border plants. They are hardy and need no protection; will flourish in any soil, succeeding better, however in deep, rich, rather moist ground. Mixed seeds saved from splendid sorts 10

A VISIT to our Greenhouses and Trial Grounds during the summer months will convince anyone that we are in a position to supply the **Best Seeds that Grow.**

OXALIS

Exceedingly free-flowering little plants with lively foliage, and entirely covered with bright flowers from June to September. Very useful for edgings.

403 **Oxalis, Choice Mixed** 10

POPPIES

Exceedingly showy plants, making a gorgeous display in the flower garden. The seeds must always be sown where the plants are to remain, as they will not bear transplanting.

NEW TULIP POPPY

Single Annual Poppies

404 **Poppy, Glaucum** (New Tulip Poppy). A glossy new annual poppy, twenty inches high, with beautifully shaped large flowers, four inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms by itself a round cup of flower which nearly resembles a single tulip 10
405 —**Shirley.** The colors are mostly light, many having wide margins on the petals. The flowers are large, single, and extremely showy. It will give great satisfaction..... 10

Double Poppy

406 —**White Swan.** Pure snow-white, extremely double flowers of perfect form, large size. 10
407 —**Mikado.** Long feathery petals; white, fringed with crimson 5
408 —**Fairy Blush.** Immense globular flowers; are perfectly double, measure from ten to thirteen inches in circumference; very handsome 10
409 —**Chinese.** Double dwarf, magnificent flowers, mixed colors 5
410 —**Carnation.** Double, splendid, large flowers, mixed colors; 2 ft 5

Hardy Perennial Poppies

The fragrant, elegant, crushed, satin-like flowers are produced in unceasing succession from June to Oct. The flowers last fully a week if cut soon as open.

411 **Poppy, Iceland,** pure white 10
412 —**Bright Yellow**..... 10
413 —**Finest Mixed** 10
414 **Orientale Hybrids** (Single). Containing charming new colors, pink, blotched purple, blood red, blotched black, glowing scarlet, reddish orange, salmon, &c. Mixed colors.. 10

NEW ORIENTALE POPPIES

PETUNIAS

For out-door decorations, few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring a rich soil and a sunny situation. Of late years, the single-striped, mottled, and doubled varieties have been greatly improved. The strains we offer, we can safely say, without contradiction, are the best that can be procured, either in this country or Europe.

Single Varieties

415 **Petunia. Dwarf Inimitable.** Each plant forms a complete bush, 5 to 8 in high, and is covered with brilliant cherry-red flowers, marked with a clear white star. It is invaluable for carpet bedding and pot culture 10

416 **—Blotched and Striped.** Flowers with star-shaped blotches of symmetrical form; fine bedder 10

417 **—Single Fringed, Stained and Striped, Mixed.** Flowers are of good size and great substance. Very fine for general effect, and splendid for florists' use. Per 1-16 oz., $1 15

418 **—Good Mixed.** Many colors. Per ¼ oz., 25c 5

Large Flowering Single

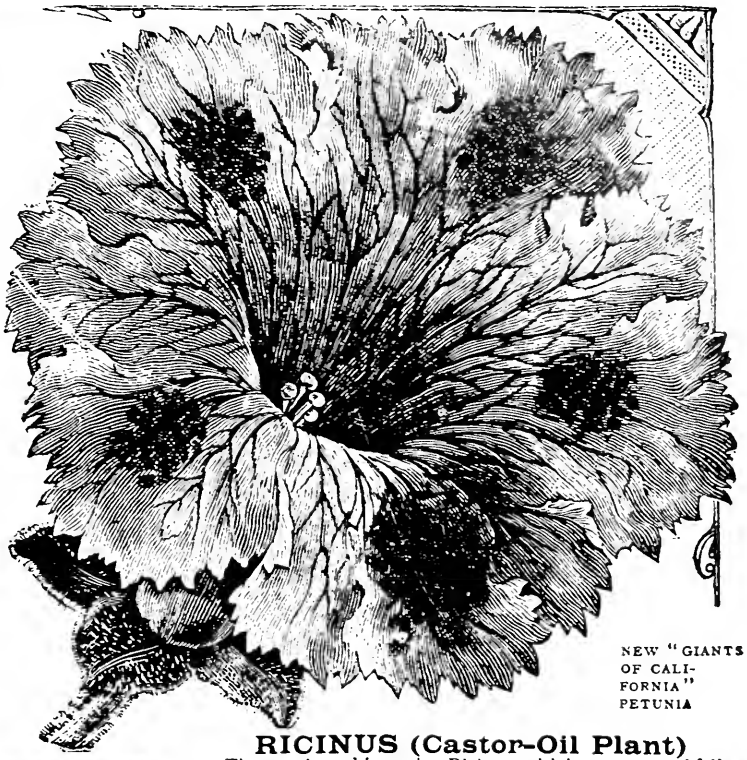
419 **—Giants of California.** This strain is exceptionally fine, and is a great improvement on the ordinary strain. The flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions, many measuring 5 in. across, while the colors are indescribably rich and varied, marked, and veined in the most grotesque and beautiful manner, giving the throat the appearance of great depth. The colors range through all the shades of yellow, rose, velvety crimson, green, black and white, running off into intricate veins, or exquisitely pencilled combinations heretofore unknown in Petunias. We had a bed of them growing on our trial grounds last summer, and all who saw them were delighted with this exquisite strain. 25

420 **—New Emperor.** This truly grand strain of Petunias carries a large mass of bloom all summer, and many blossoms are 3 to 4 in. across, and beautifully striped, blotched and spotted 25

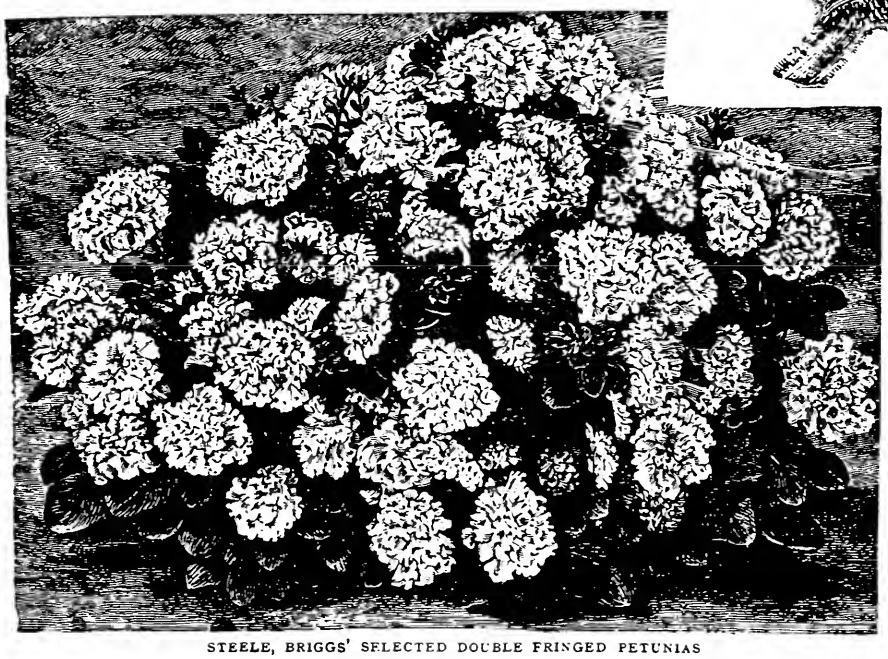
421 **—Clematis—Flowered.** A distinct form of this popular flower, the rich purple-blue of one of the varieties bearing a striking resemblance to the Clematis Jackmanii 25

422 **—Fringed Mixed.** Beautifully fringed, with stained markings 20

423 **—Grandiflora Superbissima.** Extra large flowers, with very deep and beautifully veined throats, mixed 35



NEW "GIANTS OF CALIFORNIA" PETUNIA



STEELE, BRIGGS' SELECTED DOUBLE FRINGED PETUNIAS

Extra Large Flowering Double

424 **Petunia, Pure White. Double Fringed. "Lady of the Lake."** This is a superb selected strain of seed; large, double, white fringed flowers 50

425 **—Steele, Briggs'. Selected Double Fringed.** This is without doubt the finest strain of Double Petunia ever offered. Since our introducing this variety a few years since it has received the highest recommendations from florists and amateurs, with flattering testimonials for its immense size and exquisite colors, shades and markings. It produces from 30 to 50 per cent. of double flowers from seed 35

PORTULACA

Brilliant dwarf annuals, luxuriating in warm situations; blooming profusely from early summer to autumn. *Hardy annual.*

426 **Portulaca, double.** Large flowering varieties, mixed 10

427 **—Single.** Large flowering, all colors, mixed 5

DOUBLE PORTULACA

RICINUS (Castor-Oil Plant)

The stately and imposing Ricinus, with its ornamental foliage and showy fruit, gives a sub-tropical effect on the lawns, or for centres of beds with foliage plants, or where planted thickly, will form a handsome screen or hedge.

428 **Ricinus, Queen of Cambodia.** The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size 10

429 **—Spectabilis.** A magnificent variety, tall growing, with immense light green leaves; oz., 25c 5

430 **—Gibsoni Coccineus.** The stalks and leaves are of a bright, metallic bronze color 10

431 **—Borboniensis,** large; handsome foliage; 6 ft.; oz., 20c. 5

432 **—Sanguineus,** deep red stalks, scarlet fruit; 5 ft.; oz., 20c 5

433 **—Braziliensis** 5

434 **—Zanzibarensis. Giant of Africa.** The enormous leaves are fully 2½ ft. broad; beautifully lobed; the whole plant has a distinct and novel appearance, enhanced in the sunshine by a bright metallic hue; oz., 30c ...10

RICINUS (QUEEN OF CAMBODIA)

RHODANTHE (Everlasting)

A charming everlasting of great beauty, a very compact and ornamental plant, producing a beautiful effect in beds or ribbons; its silvery, rose-tinted flowers are in great demand for winter decorations. *Half-hardy annuals.*

435 **Rhodanthe, mixed** 5

ROCKET

A very interesting, useful and free-flowering plant. Blooms early; it remains beautiful for a long time in beds, ribbons, etc., is much admired for the fragrance of its flowers. *Hardy perennial.*

436 **Rocket, Sweet** 5

SALVIA SPLENDENS

RUDBECKIA

(Texas Cone Flower)

These robust-growing plants are now becoming very popular for border decoration. They are of the easiest possible culture, and bear very showy flowers, with raised, cone-shaped centres, during summer and autumn. *Hardy annual.*

437 Rudbeckia Bicolor. An attractive variety, 1½ feet high; immense flowers, bright yellow with black purple centre 10

SEDUM

(Stone Crop)

A dwarf little plant, growing freely on rockwork, vases, old walls, etc.

438 Sedum Cœruleum, blue, ½ ft. 10
439 —Acre, yellow, ½ ft 5

ROMNEYA COULTERI

SCHIZOPETALUM

A curious little annual, which germinates quickly and grows 6 to 8 inches high, producing freely pretty snow-white laciniated flowers. Very sweet-scented, grows freely, and is one of the many odd and unknown attractive little flowers.

440 Schizopetalum Walkerii. White, with fragrant fringed flowers, ¾ ft 5

SCHIZANTHUS

(Butterfly Flower)

In this charming variety we have one of the finest annuals in cultivation. The flowers are as handsome as some Orchids. *Half-hardy annual.*

441 Schizanthus. Fine mixed 5

SPRAGUAEA UMBELLATA

This lovely garden annual grows freely, and seed can be sown in the open ground in May. It forms a compact mass of dark bronzy leaves, from amongwhich stems rise to the height of 8 or 10 in., bearing an umbel or curious wool-like crimson flowers. This bunch of curious bloom keeps perfect a long time before fading.

442 Spraguaea Umbellata 15

ROMNEYA COULTERI

("Great White California Poppy")

Of stately beauty, flowering from July until November. The flowers are large (4 to 5 in. across), pure white, yellow stamens, and of delicate primrose-like perfume. Valuable for cutting, lasting well in water, 6 to 8 ft. high.

447 Romneya Coulteri 10

SALVIA (Flowering Sage)

One of our handsomest summer and autumn flowering plants, when they are literally ablaze with brilliant flowers; very effective for massing on the lawn or for ribbon beds. 3 ft. *Half-hardy Perennial.*

448 Salvia Patens. The purest and brightest blue of all blue flowers. Height, 2 ft 20
449 —Splendens (Scarlet Sage). Scarlet 10
450 —Coccinea. Deep crimson, 8 in 5

STATICE or ARMERIA

A beautiful plant with tufted grass-like foliage, from which issues long stems terminating with large globular heads of rose-pink flowers, sometimes called "Sea Pinks." Useful for cutting or for making borders and edgings. *Hardy perennial.*

451 Statice Maritima Rosea. One foot 10
452 —Incana Hybrida. When dried, these flowers work up with Everlastings to advantage 5

GIANT EMPEROR SALPIGLOSSIS

SALPIGLOSSIS (Painted Tube Tongue)

One of the most beautiful of flowering annuals, forming strong, bushy plants about 18 in. high, and bearing throughout the season large flowers 3 to 4 in. across, of many beautiful colors, all exquisitely veined and laced. (See cut.) *Half-hardy annual.*

443 Salpiglossis, large flowering, mixed 5
444 —"Purple and Gold," the Orchid Salpiglossis. Rich velvety purple, exquisitely veined and feathered with yellow or gold ... 10
445 —New, Giant Flowering Emperor. The Salpiglossis is one of the greatest favorites amongst annuals, partly because of its easy culture, but principally on account of its beautiful orchid-like flowers which it produces from early summer until late fall. This new variety forms only one leading stem and bears on its summit a veritable bouquet of the most beautiful flowers, each one richly veined with gold, and much larger than the finest of the "Grandiflora" type. The throat is short and the edge of the flower not so deeply incurved as in the old type, giving it a more rounded form and displaying the rich colors to the best advantage 10

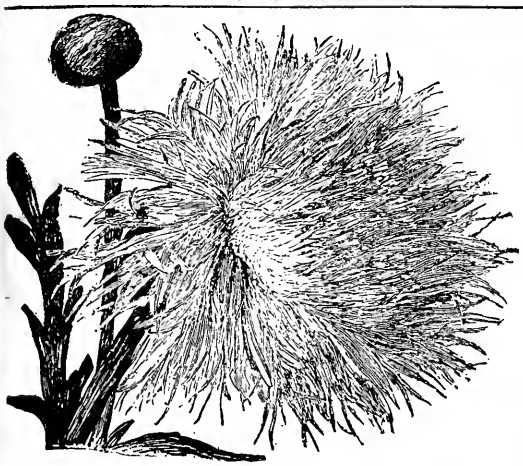
New

STEVIA

Most desirable for the garden, for ribbon lines in summer bedding. Its foliage is variegated white and light green, but viewed from a little distance the effect is practically white. Owing to its bushy habit and small foliage, it is not ragged when trimmed. The flowers are small, pretty and white, though inconspicuous because of the white effect of the foliage.

446 Stevia Serrata 10

Our Queen City Lawn Grass is composed of a mixture of Natural Grasses, particularly adapted to our Canadian climate.



SWEET SULTAN

SWEET WILLIAM

A beautiful and favorite class of plants of extreme richness and diversity of color, very large and almost perfect in form with trusses of great size. *Hardy perennial.*

453 Sweet William (Dianthus Barbatus), finest mixed, 1½ ft 5

454 —Auricula-flowered, flowers of great size, beautifully eyed, mixed colors, 1½ ft..... 10

SWEET SULTAN

(CENTAUREA)

A free-flowering, very effective hardy border plant. The flowers have a delicate honey perfume and are highly prized for bouquets. *Hardy annual.*

455 Sweet Sultan, mixed colors..... 5

STOCK, TEN WEEKS

The Stock is one of the most popular plants, either for bedding or pot culture; for brilliancy and diversity of color, or profusion and duration of bloom it is unsurpassed. Of delicious fragrance. For early flowering start the seed in a greenhouse or hot-bed, and transplant into the garden in May, after all danger of frost is over. *Half-hardy annual.*

SWEET WILLIAM

Large Flowering Ten Weeks Stock

456 Stock, Blood Red..... 10
457 —Crimson 10
458 —Light Blue..... 10
459 —Purple 10
460 —Pure White ... 10
461 —Bright Pink... 10

462 —Large Flowering Dwarf German, Mixed Ten Weeks 5

463 —Mixed, All choice double large flowering 10

464 —Snowflake Improved. A beautiful dwarf-growing variety; very large double snow-white flowers. Our seed of this variety will produce a large percentage of double flowers... 15

465 —Princess Alice (Cut and Come Again). A fine perpetual blooming Stock, growing about 2 feet high. It throws out numerous side branches, bearing clusters of very double pure white fragrant blossoms, and is excellent for cutting 15

466 —Mammoth White Column. Of luxuriant growth, attaining in the open ground a height of 3 ft. and producing only a single, long, sturdy spike of bloom, closely furnished with enormous double flowers of the purest possible white 20

East Lothian Stocks

These are prized on account of their flowering late in autumn. Removed to the house blooms during the winter.

467 —White 10
468 —Finest Mixed 10

THUNBERGIA

Free-flowering, handsome twiners of rapid growth; the beautiful foliage and showy flowers are both greatly admired. The colors are delicate and beautiful. *Half-hardy annual.*

469 Thunbergia, mixed colors 5

SCABIOSA CAUCASICA

SCABIOSA

(MOURNING BRIDE, OR SWEET SCABIOUS)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc. *Hardy annual.*

470 Scabiosa, Candidissima Alba Pleno, "Snowball." Double pure white flowers, excellent for florists' use; 2 ft. 10

471 —New Large-Flowering. The flowers are extremely large, averaging 3 ins. across and very double; one of the finest hardy annuals and valuable for bouquets. Finest mixed 10

472 —Nana Fl. Pl. Dwarf flowers, extremely double, valuable for bouquets. Height, 1 ft. Many colors mixed..... 5

473 —Tall Mixed. Double, all colors, 2 ft 5

474 —Caucasica, Perennial Scabious. One of the handsomest of hardy perennials, forming a spreading and dense plant, 2 to 3 ft high, thriving well in ordinary garden soil, and should be grown by every one, if only for its flowers for cutting, as they last a long time in water, and their peculiar soft lilac blue shade is charming..... 10

STOCK, TEN WEEKS

Do not fail to examine Novelty Pages.

TROPÆOLUM

(See also Nasturtium)

Splendid climbers for house and garden; bloom freely and are of easy cultivation.

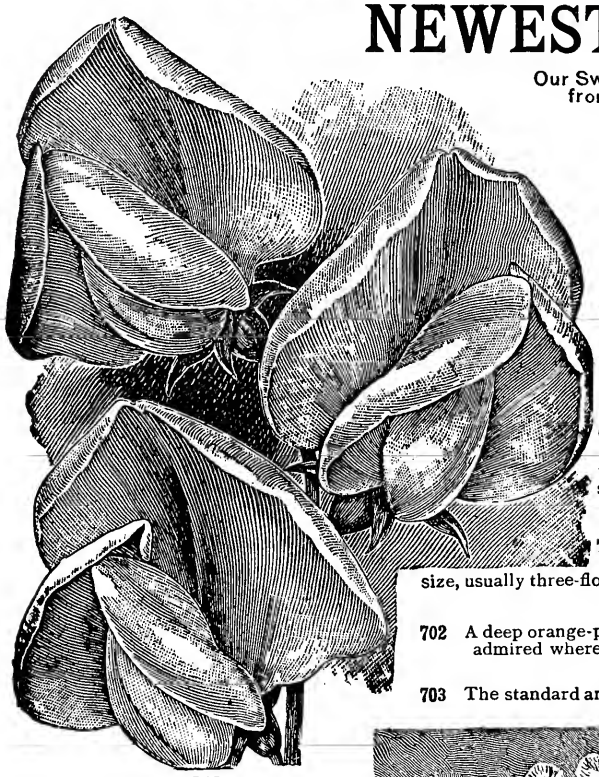
475 Tropæolum Canariensis or Canary Bird Flower. One of the most charming climbers, bearing an abundance of bright yellow fringed flowers. See cut. 10 ft. 5

476 —Lobbianum, much cultivated in the greenhouse, but when allowed to run on the ground and pegged down, they make a brilliant bed..... 5

CANARY BIRD FLOWER

FOR A BRILLIANT DISPLAY OF ANNUALS sown in the open border we would recommend Alyssum, Candytuft, Calliopsis, Chinese Pinks, Mignonette, Poppies, Phlox, Portulacca, Salpiglossis, Scabiosa.

NEWEST SWEET PEAS



MRS. DUGDALE

Our Sweet Peas are unsurpassed, having been selected from the finest strains of American and English growers. They include all the improved large-flowering varieties of recent introduction.

The seed should be sown *as early as the ground can be worked* in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench 6 in. deep, in this sow the seed and cover 2 in. deep. As soon as the plants begin to show through fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continuously through the heat of summer. As the flowers come into full bloom or fade they should be cut off, for if the pods are allowed to form the plant will stop blooming.

DOUBLE SWEET PEA

BLACK KNIGHT

700 This is one of the finest flowers, the color being a deep maroon self, clear and shining, the standard bearing a bright metallic polish, flowers well expanded, also well placed on the long stout stem; the plants are of vigorous growth and very free-flowering. ¼ lb., 30c.; 1 oz., 15c..... 5

CHANCELLOR

701 Standards bright orange, wings bright orange-pink, a shade lighter than the standards; it is really a self-colored flower of intense glowing color, grand form, good substance, large size, usually three-flowered, well placed on long stout stems. ¼ lb., 30c.; 1 oz., 15c. 5

LADY MARY CURRIE

702 A deep orange-pink, delicately shaded rosy-lilac, a most charming flower of exquisite brilliancy; it has been much admired wherever shown, and is likely to become one of the greatest favorites. ¼ lb., 30c.; 1 oz., 15c. 5

HON. T. BOUVERIE

703 The standard and wings are both pink at the base, shading to a very light pink at the edges. The flowers are of good size, slightly hooded, with fine form and substance. The pink shades are on a ground of primrose, giving a buff effect to the blossom. It has the same combination of shades and colors as Lovely, but is on a primrose ground. ½ lb., 35c.; oz., 20c 10

MRS. DUGDALE

704 Light carmine-rose, with a neat tint of primrose; wings are of the same tint, only a shade lighter than the standard; of most perfect form; flowers shell-shaped, incurved, but not hooded. This is one of the largest of Sweet Peas, and comes uniformly three to a stem. Average flowers will measure one and a half in. across the standard, while we have measured standards one and five-eighths in. across. It holds its color well, is not inclined to fade. ½ lb., 35c.; oz., 20c..... 10

DOUBLE SWEET PEA "BRIDE OF NIAGARA"

706 This variety has banners of beautiful clear pink and with wings and keel white. A large percentage of flowers have two and three large banners. Nature is simply dividing the banner in two and three large handsome banners, giving a double appearance to the flower, and while all flowers are not double, a part are single with a good proportion double and showy. ¼ lb., 20c.; 1 oz., 10c... 5

NEW TOM THUMB OR CUPID SWEET PEAS

Compact dwarf plants not over 6 or 7 in. high, covering a circumference of about 18 in., hugging the ground, with no tendency to either climb or trail. The innumerable short branches form a perfect tuft of green foliage, which soon becomes studded with flowers of good form and substance, and nearly as large as those of the climbing Sweet Peas. For edgings, low beds and for pot culture they are unique and wonderfully pretty.

707 —**Pink Cupid.** Standard bright rose pink; wings either pure white or blush. A thrifty grower and continuous bloomer. Oz., 15c... 5

708 —**White Cupid.** Pure white flowers. Oz., 10c..... 5

709 —**Beauty Cupid.** A delicate rose color, shading to white at edges; base of standard white carmine; wings suffused rosy-carmine, deepening at edges. Oz., 15c 5

710 —**Alice Eckford Cupid.** Rich, creamy pink standard, wings silvery white, flushed pink centres. Oz., 15c 5

711 —**Primrose Cupid.** Creamy yellow flowers. Very fine. Oz., 15c... 5

NEW BUSH SWEET PEAS

BUSH SWEET PEA

The first of an Entirely New and Distinct Race

705 This new Pea grows in perfect bush form. It requires no trellis like the tall varieties, neither does it hug the ground like the Cupid race. An average bush grows 16 to 18 in. high, and from 12 to 14 in. wide. Flowers are borne on the top of the plant. Plant the seed in a row, to make a neat even hedge, when no supports whatever will be required. Grown as individual plants the slight support of a stick should be furnished. A great future is predicted for this new strain. Flowers are of good size and perfect hooded form, they are of the most beautiful watered purple on white ground, the heavier coloring being on the back of the standard. The seed is black, with a hardy and vigorous constitution. Per pkt..... 10

AMERICAN SEEDLINGS

712 This is a mixture of seedlings not yet named. They are the result of crossing and re-crossing the choicest of the new large-flowering varieties, and this seed will produce flowers of the largest size, finest form, and in an endless variety of colors. We are sure that our customers, especially Sweet Pea "fanciers," will be delighted with the new colors they find in this mixture. Price, per lb., 75c.; ¼ lb., 25c.; oz., 10c..... 5

STEELE, BRIGGS' MIXED SWEET PEAS

713 —**Steele, Briggs' Best Mixture Sweet Pea** is mixed by ourselves from the choicest and most recent introductions of both English and American growers. It contains every possible shade of color in the large flowering sorts, and for size, form and sweetness, none can surpass it. 1 lb., $1; ½ lb., 30c.; 1 oz., 15c.; large pkt 10

714 —**Royal Prize Large Flowering Mixture**...1 lb., 60c; ½ lb., 20c; 1 oz., 10c 5

715 —**Eckford's Superb Mixture**.....1 lb., 50c.; ½ lb., 15c.; 1 oz., 10c. 5

716 —**Good Mixed** .....1 lb., 35c.; ½ lb., 10c. 5

DWARF SWEET PEA "CUPID"

OUR COLLECTION OF DAHLIAS IS UNSURPASSED. SEE PAGE 64

STANDARD SWEET PEAS

The varieties marked with an Asterisk (*) produce flowers of good substance and largest size, being of the true Grandiflora type.

Prices, except where noted, ¼ lb., 20c., oz., 10c.

720 **Sweet Pea—*Apple Blossom.** Standard shaded rose and pink, wings pale pink ... 5
721 ***Aurora.** Flowers of great substance and gigantic form, standard and wings are white, flaked and striped with bright orange salmon ... 5
722 ***Blanche Burpee.** Extra large, pure white and of good substance ... 5
723 **Blanche Ferry.** Bright rose pink standards, wings pure white, very free bloomer ... 5
724 **Blanche Ferry.** Extra early, a selection from the above, 10 days earlier; good ... 5
725 **Boreatton.** A rich velvety maroon, self color; good substance and fair size ... 5
726 **Bronze King.** Standards terra-cotta; wings white; very profuse bloomer ... 5
727 **Butterfly.** White ground delicately laced with lavender blue ... 5
728 ***Brilliant.** Flowers of good substance and large size, of a bright scarlet color, which does not burn ... 5
729 ***Captivation.** Light magenta or claret color, fine form and good substance ... 5
730 ***Coquette.** The wings are of a clear primrose yellow, while the standard is shaded pale lavender on primrose ground ... 5
731 ***Countess of Radnor.** Soft lavender, self color ... 5
732 ***Countess of Aberdeen.** Round hooded standard, wings pink, turning lighter ... 5

IT PAYS TO SOW GOOD SEEDS.

733 ***Crown Jewel.** Primrose ground, veined with violet rose ... 5
734 **Daybreak.** Standard a very pretty watered red on white, wings white ... 5
735 ***Dolly Varden.** Wings are almost white, with a purple-magenta edging. The standard is bright purple-magenta, toward the midrib shading lighter, running to almost white on the sides and pencilled with heavy maroon at the base ... 5
736 ***Dorothy Tennant.** Very large, round, shell-formed flowers of a deep rosy mauve ... 5
737 ***Duke of Clarence.** A beautiful shade of rosy claret; very fine ... 5
738 **Emily Henderson.** A clear white of heavy substance, very vigorous and prolific, blooming very early ... 5
739 ***Firefly.** An intense glowing scarlet, large flower, profuse bloomer ... 5
740 ***Grey Friar.** A large shell-shaped flower, watered purple on white ground ... 5
741 ***Her Majesty.** Beautiful rose pink, self color ... 5
742 **Invincible Scarlet.** A beautiful bright scarlet ... 5
743 **Lady Beaconsfield.** Standard salmon pink; wings primrose yellow ... 5
744 ***Lady Penzance.** Standards orange pink; wings pink ... 5
745 ***Lottie Eckford.** Standard white, shaded mauve; wings white, suffused with lavender ... 5
746 **Lottie Hutchins.** Daintily flaked with pink on a cream ground, making a rich and lovely effect ...
747 ***Lovely.** A pleasing shade of pink; wings delicate pink, attractive ... 5
748 ***Maid of Honor.** White edged with blue; very large and fine ... 5
749 ***Mars.** A beautiful bright scarlet, deepening with age, very fine ... 5
750 ***Meteor.** Standard orange salmon; wings veined pink ... 5
751 ***Monarch.** Very large, round flower, of a deep purplish maroon color ... 5
752 ***Mrs. Eckford.** Flowers of a charming primrose yellow, strong grower and a very profuse bloomer ... 5
753 ***Mrs. Joseph Chamberlain.** A round flower of fine form, white striped and shaded bright rose ... 5
754 **Mrs. Sankey.** A large white flower, sometimes shaded with rose; seeds black ... 5
755 **Oriental.** The large, erect standard is slightly pointed, openly re-curved, heavily veined, and suffused with bright orange salmon; keel stiffly erect; wings very much recurved and standing erect, richly suffused with orange salmon of rather a lighter shade than in the standards, and deepening to carmine-rose in the centre ... 5
756 ***Ovid.** Rose pink, margined with a deeper rose, very fine ... 5
757 ***Peach Blossom.** Standards soft pink; wings of a deeper pink ... 5
758 ***Primrose.** Pale primrose yellow. Very fine ... 5
759 ***Princess May.** Light lavender; very delicate ... 5
760 ***Princess Victoria.** Standard scarlet; wings crimson ... 5
761 ***Ramona.** Flower creamy white, delicately striped and flaked with carmine ... 5
762 ***Royal Robe.** An exquisite shade of deep rosy pink ... 5
763 ***Royal Rose.** Deep rosy pink of immense size and fine form. ¼ lb., 25c. 5
764 ***Sensation.** The vines of this grand variety remain covered with flowers a long time even under the hottest sun. The fine large standard is well expanded, slightly pointed and recurved, of delicate silky texture suffused with a faint blush; wings broad, semi-erect, well recurved and nearly white ... 5
765 ***Splendor.** A very bright rose, shaded crimson ... 5
766 ***Stanley.** Very deep rich maroon, the darkest color ... 5
767 ***Stella Morse.** The blossom is a delicate primrose with a faint rose-pink on the edge, which casts a pleasing blush tint to a mass of blooms. Is of the largest grandiflora hooded type ... 5
768 ***The Bride.** A large pure white, very fine ... 5
769 ***Venus.** Large salmon buff, shaded rosy pink ... 5
770 **Vesuvius.** Carmine rose, shading to violet, with crimson spots ... 5

For a grand display of Sweet Peas we prepare and offer a special collection of the finest large flowering sorts. | **25 Named Sorts for $1.00.**

XERANTHEMUM

VERBENA

Verbenas in quantity are more easily obtained from seed than from cuttings, and the plants are more healthy and vigorous in growth, while they are also fragrant, particularly the white and light colored varieties. Sown in spring, they flower quite early in the season, and each plant, in good rich soil, will cover a space 3 to 4 feet in diameter, producing, if the flowers are cut as soon as they begin to fade, a mass of bloom until killed by frost.

477 Verbena, Mammoth. This distinct and superb class of Verbenas, also offered as a Grandiflora, is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes, fine form and delicate shading, and is a magnificent flower. Our seed is saved from the finest flowers only, and will not fail to produce the best results 15

478 —New Golden-Leaved. Flower same as the ordinary; colors ranging through various shades. The golden yellow foliage is very effective. Mixed colors 10

479 —Lemon-Scented. This flower always has been and always will be a great favorite with all. The delicious lemon fragrance of the leaves is very refreshing and pleasant. Plants live over from year to year. Sow early 10

DOUBLE WALL-FLOWER

480 Verbena, Sweet-Scented. This lovely sweet-scented Verbena can be sown in the open ground early in the spring, and will in a few weeks be in full bloom, and give great profusion of beautiful blossoms all summer. The blossoms, instead of being in clusters, like other sorts, run up into spikes, usually 3 to 4 ins. long. It is very sweet-scented and the flowers are pure white. The plant is short-jointed and dwarf, not covering near as much ground as other sorts. Perfectly true from seed.....10

481 —Venosa. A handsome, hardy perennial, producing purple flowers; remains in bloom a long period. Ht., 6 in. 10

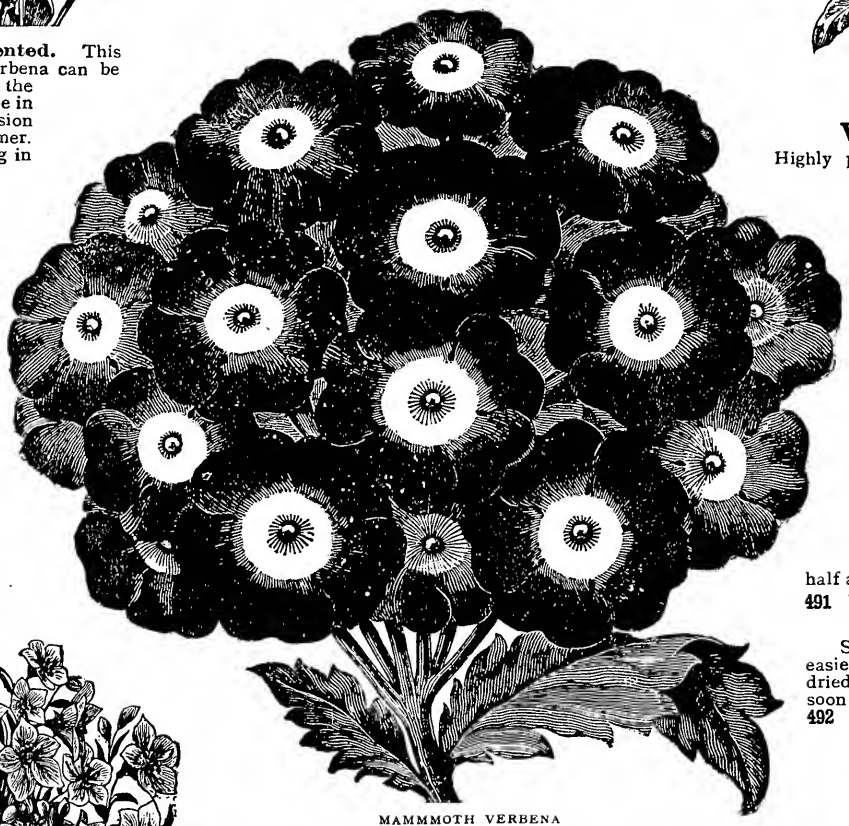
482 —Cærulea. Large blue flowers 10

483 —Scarlet Defiance. True, brightest scarlet, intensely rich..... 10

484 —Pure White (Seafoam or Candidissima). A fine strain of large flowering, pure white hybrid Verbena. ¼ oz., 75c 10

485 —Extra Fine Mixed. From fine named sorts. ¼ oz., 25c 10

486 —Choice Mixed Colors. ¼ oz., 20c..... 5



MAMMMOTH VERBENA

WALLFLOWER

Highly prized for their long continuance in bloom, and the delicate odor of their flowers. Single and double varieties of the various shades of golden yellow, red and dark bronze. *Half-hardy perennial.*

487 Wallflower, double German, extra fine mixed..... 10

488 —Double Dwarf, dark brown 15

489 —Harbinger, autumn and winter flowering Wallflower, extremely early flowering; great acquisition for the spring; flowers brown 5

490 —Single, splendid mixed; 1½ ft 5

WHITLAVIA

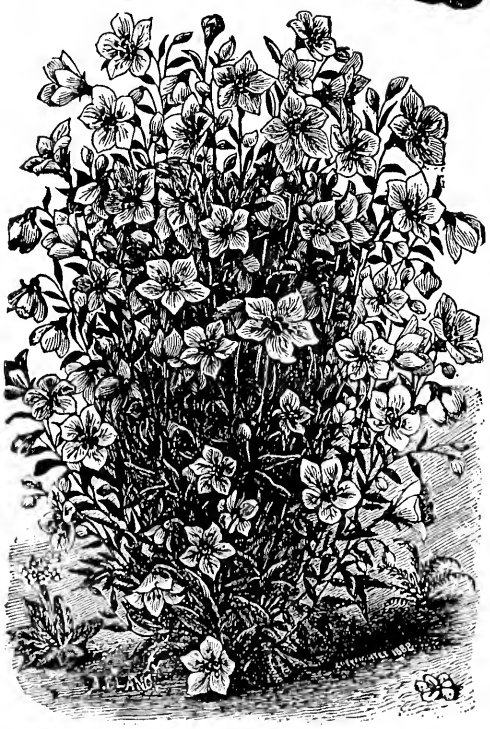
A plant with delicate, handsome foliage, producing a constant succession of beautiful violet blue, bell-shaped flowers, in drooping clusters half an inch in length. *Hardy annual.*

491 Whitlavia, fine mixed; 1 foot..... 5

XERANTHEMUM

Showy, everlasting flowers of the easiest culture; splendid in bouquets of dried flowers. Sow in the open border as soon as the ground gets warm. *Hardy annual.*

492 Xeranthemum, mixed. Finest colors, 1½ ft 5



WAHLENBERGIA

WAHLENBERGIA

(OR PLATYCODON)

A new hardy plant from Japan, producing all summer abundance of star-shaped flowers 3 inches across, of beautiful blue and white colors. Hardy, lives and blooms for years, increasing in size and beauty yearly. Plants grow 3 feet high, and produce beautiful bloom. Blooms first summer from seed.

493 Wahlenbergia, mixed 5

VIRGINIAN STOCK

Hardy, low-growing, profuse, fragrant flowering annuals, for edges small beds, or pot culture.

494 Virginian Stock. Red and white, mixed 5

VIOLET

The little sweet-scented violet is perfectly hardy, and should not be wanting in any garden, on account of its early appearance, delightful fragrance and profusion of bloom, which lasts from early spring throughout the summer months. A single flower will perfume a whole room. *Hardy perennial.*

495 Violet (Sweet-Scented English), dark blue; ½ ft. 10

496 —English White 10

ZEA (MAIZE)

Plants with beautifully striped ornamental foliage. *Hardy annual.* 5 feet.

497 Zea, Japonica Variegata. Green and white striped. Oz., 15c 5

VIRGINIAN STOCK

FOR A BRILLIANT DISPLAY OF ANNUALS sown in the open border we would recommend Alyssum, Candytuft Calliopsis, Chinese Pinks, Mignonette, Poppies, Phlox, Portulaca, Salpiglossis, Scabiosa.

ZINNIAS.

CURLED AND CRESTED — LILIPUT — MAMMOTH

ZINNIAS

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved compact-growing, large-flowering Zinnias; growing only two feet high and bearing flowers of immense size, perfectly double, showing no centre, and as perfect in form as Dahlias.

500 **Zinnias, Mammoth Flowering.** This is by far the largest Zinnia in cultivation. The plant forms a handsome bush about 3 feet high, which is clothed with luxuriant foliage, and blooms during a long period. The perfectly formed, very double flowers are of various striking colors, clear and vivid. It grows easily from seed sown in the open ground, and at least one package should be included in every order 10

501 —**Zebra.** A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance 10

502 —**Pure White.** With handsome white flowers 5

503 —**Dwarf Scarlet.** Double fiery scarlet flowers 5

504 —**Double Crimson.** Flowers very double 5

505 —**Golden Yellow.** Flowers large and of perfect shape, and of a clear golden yellow 5

506 —**Extra Choice Mixed.** Saved from selected double flowers 5

507 —**Double Liliput.** These make dwarf, compact bushes covered with flowers of refined form, smaller than those of the above Zinnias, in a wide range of colors. Flowers are borne on long and stiff stems, and are valuable for bouquets 10

508 —**Curled and Crested.** A beautiful strain of this popular plant, the petals being twisted, curled and crested into the most fantastic and graceful forms 10

A Choice Flower Garden for only 50c.

509 **Our "Complete Flower Garden for 50 cents,"** offered last season gave such universal satisfaction and met such ready demand that we have prepared another assortment for the present season, such as cannot fail to please and delight everyone. The collection contains twelve most hardy and showy annuals that will flower the first season and yield a beautiful and abundant display of bloom until destroyed by frost.

Acroclinium (Everlasting).
Aster, mixed varieties.
Alyssum, Sweet.
Calliopsis, mixed.
Dianthus, mixed.
Mignonette; sweet scented.
Marvel of Peru, or Four O'Clock.
Œnothera, or Evening Primrose.
Petunia, single mixed.
Phlox Drummondii, mixed.
Sweet Peas, mixed.
Zinnia, double mixed; beautiful.

We Pay Postage to any address in Canada on all Plants, Bulbs, and Seeds, except where noted.

This collection will be mailed (post-paid) to any address in the Dominion for **50 Cents,** or **three collections** to any one address for **$1.25. Everybody try it.**

PURPLE FOUNTAIN GRASS

ORNAMENTAL GRASSES

Attractive, easily grown and very interesting plants for borders and ornamental grounds.

510 **Ornamental Grasses, Agrostis, Nebulosa.** A bed of it has a beautiful wavy appearance. 1½ ft. 5

511 —**Avena Sterilis** (Animated Oats). Ornamental. 4 ft. 5

512 —**Briza Maxima** (Large Quaking Grass) 1½ ft. 5

513 —**Bromus Brizæformis,** 1 ft. 5

514 —**Croix Lachryma** (Job's Tears); tender. 2½ ft. 5

515 —**Erianthus Ravennæ.** Extremely graceful. 8 ft. 10

516 —**Lagurus Ovatus** (Hare's Tail Grass). 1½ ft. 5

517 —**Purple Fountain Grass** (Pennisetum Ruppelanium). The leaves are narrow, long, and arch gracefully from the centre of plant to circumference, forming a perfect fountain. From July until frost its attractiveness is enhanced by feathery purple heads which bend over on their long slender stalks. Eventually they expand until the whole plant is veiled with nodding clouds of purple 10

518 —**Stipa Pennata** (Feather Grass). The white wavy tops of this grass preserve their beauty a long time. 2 feet 5

519 —**Collection** of above 9 varieties for 35

SPECIAL MIXTURES OF FLOWER SEEDS

Many persons derive pleasure from watching the growth of a varied bed of flowers, entirely out of the usual trim garden style, while others desire a much more extended collection than their means will permit. To both of these classes the following special mixtures will appeal.

520 **Æsthetic Mixture.** Æsthetic tastes are delighted with our new and unique collection of these charming flowers. The variety and richness of coloring is magnificent 15

521 —**Mixture of Everlasting Flowers.** Bloom the first season, and if cut as soon as flowers are open and hung to dry, are useful for mixture with grasses for winter decoration 10

522 —**Mixture of Fragrant Annuals.** Carefully made up from seeds of fragrant flowers only. Some of them are suitable for cutting 10

523 —**Mixture of Climbers.** This is a liberally filled packet of seed of many beautiful annual climbers 10

524 —**Mixture of Ornamental Grasses.** All annual varieties, many really handsome in growth and all of them desirable for house decoration 10

OUR CHOICE WILD GARDEN SEEDS

To those who cannot bestow the necessary care required in a neatly laid out flower garden, the "Wild Garden" presents a substitute, which for its unusual and varied effect, for cheapness and small amount of labor necessary for its construction, has no rival. We have had many satisfactory evidences of the estimation in which the "Wild Garden" is held from those who used our seed during the past season, and wherever planted will ensure something new almost every day. Per oz., 20c.; per large packet 5

525 **"Wild Garden Seeds"** are a mixture of over 100 varieties of hardy flower seeds mixed together, and

SEEDS FOR THE GREENHOUSE AND WINDOW CULTURE

UNDER this head are included tender annuals and perennials, or those requiring special care in sowing the seed, and during the growing of the plants. Many of them make useful decorative plants for the conservatory and window, while others can be transplanted to the garden, or summer bloom, or as decorative foliage plants for beds and borders.

To start seed use shallow boxes or pans, about two inches deep, in which place rich, mellow soil, mixed with about one-fourth sand; sow the seed upon the surface, but do not cover to more than a depth of four times the diameter of the seed sown, then press down gently and smoothly. Very fine seed should have no covering, only press the soil after sowing. Water gently with a spray, place the box or pan in the window, covering with glass. Judgment must be used in giving ventilation. Do not allow the soil to become too dry nor too wet, or they may damp off after starting. As soon as plants are in second leaf transplant to pots or boxes, and again into larger boxes soon as making further growth. When weather becomes warm they may be removed to the bed or border in open ground, but require protection from heat and cold until hardened to the outdoor atmosphere. Some of the varieties listed below will not stand outdoor weather, but must be kept indoors. Failure will at times attend the most experienced grower, while another planting with the same lot of seeds will give excellent results; the seed must not, therefore, be considered faulty if a failure occasionally happens. With proper conditions of culture and care success is easy.

SUPERB ENGLISH CALCEOLARIA

ABUTILON (Flowering Maple)

For early bloom the seed should be started in the house and the young plants set out in the garden when the weather is warm and settled. They also make splendid house plants, blooming freely in winter.

526 **Abutilon, prize mixed.** Embracing the most elegant colors, both selfs and streaked and veined 10

See Plant List.

ASPARAGUS

527 **Asparagus, Sprengeri.** The plants grow in suspended baskets, for greenhouse or for outdoors in the summer. The fronds frequently grow 4 feet long and are now considered indispensable in all fine decorations; grow readily from seed..... 25

528 **—Plumosus Nanus.** A greenhouse perennial climber, with exquisitely graceful and feathery lace-like foliage; extensively grown by florists for cutting purposes. Per packet 25

AZALEA

Shrubby plants for greenhouse; large heads of beautiful many colored flowers, borne in profusion during winter and spring. *Tender perennial.*

529 **Azalea Indica.** Finest mixed 1 to 4 ft... 25

BEGONIA

Magnificent flowering plants for pot culture. The "tuberous-rooted" varieties are becoming deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 6 to 9 inches in circumference, and are of all colors. 1 foot.

530 **Begonia, Tuberous-rooted.** Single, mixed 15

531 **—Tuberous-rooted,** double, mixed 25

532 **—Rex.** Large ornamental leaves of dark green, bronze, gold, red, etc..... 25

533 **—Vernon.** A grand variety..... 15

See Plant and Bulb List.

CALCEOLARIA

Gorgeous plants; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer.

534 **Calceolaria, English.** Superb strain. This is unexcelled and may always be depended on to produce finest flowers... 50

535 **—Hybrid, spotted and mottled.** Varieties mixed..... 35

CUPHEA (Cigar Plant)

536 **Cuphea Platycentra.** Large flowering variety, with countless white blossoms ... 25

CHRYSANTHEMUMS

537 **Chrysanthemum Indicum.** The varieties are numerous and are divided by florists into various classes, "Chinese," "Pompon," "Japanese," etc. Our strains are unexcelled. 25

538 **—Japonicum.** The Japanese long-petaled or fringed varieties, now so popular, double mixed colors 20

CYCLAMEN

A most valuable winter blooming plant, its finely colored flowers keep a long time; foliage is pretty.

539 **Cyclamen Persicum.** Best, colors mixed... 10

540 **—Persicum, Covent Garden Strain.** Extra choice mixed 25

541 **—Persicum Giganteum.** Very large flowers; from prize collection; mixed colors 50

542 **—Bush Hill Pioneer.** This splendid new variety is pure white and quite distinct, with singular flowers; from the exterior of each petal is produced a fan-like crest. Two pkts. for $1.25; per pkt..... 65

CYCLAMEN GIGANTEUM

CENTAUREA

(White Leaved or Dusty Miller Varieties)

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants.

543 **Centaurea Gymnocarpa.** A graceful silver foliaged variety. One of the best for bedding. 10

544 **—Candidissima.** A dwarf silver leaved plant, extensively used for ribbon lines 15

CINERARIA

For a showy flower the Cineraria has few equals, bearing, as it does, hundreds of large showy flowers of various colors and markings.

545 **Cineraria Hybrida.** A splendid strain of large flowering hybrids; dwarf, compact and bushy, mixed colors 50

546 **—Hybrids.** Large flowering, mixed colors ... 25

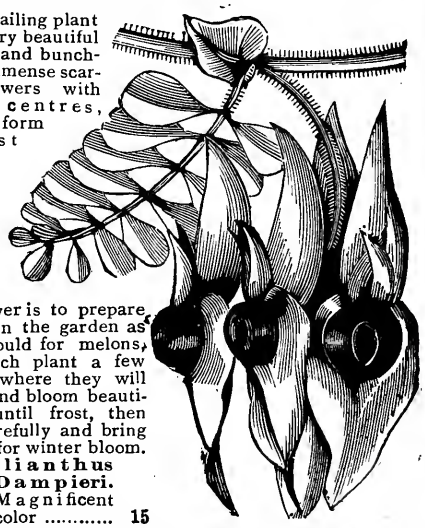
547 **—Double, extra choice.** Mixed 35

COLEUS

Plants with rich foliage of assorted colors, veined and spotted in a beautiful manner. For groups on lawns and ribboning, are indispensable; 1 to 3 ft. *Tender perennial.*

548 **Coleus.** Mixed, the finest sorts 25

CLIANTHUS (Australian Glory Pea)



A trailing plant with very beautiful foliage and bunches of immense scarlet flowers with black centres, which form a most showy contrast. The best way to grow this beautiful flower is to prepare a hill in the garden as you would for melons, in which plant a few seeds, where they will grow and bloom beautifully until frost, then lift carefully and bring inside for winter bloom.

549 **Clianthus Dampieri.** Magnificent color 15

DRACÆNA INDIVISA

550 **Dracæna Indivisa.** A foliage plant extensively used for the centres of vases and for pot culture; thin arching leaves, 2 to 3 ft 10

ECHEVERIA

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost. *Tender perennial.*

551 **Echeveria Secunda Glauca,** or "Hen and Chickens." Small bluish white leaves; 2 to 4 inches 25

FERNS

Graceful plants, giving a beautiful appearance to the conservatory or window; the hardy sorts, grown in rockeries, etc., are beautiful.

552 **Greenhouse varieties.** Mixed 15

553 **—Hardy varieties.** Mixed 15

FUCHSIA (Ladies' Ear Drop)

Beautiful plants for pot culture; waxy, drooping flowers, 1 to 2 inches long, of exquisite colors. Red, white, pink, etc. *Tender perennial.*

554 **Fuchsia.** Mixed, single and double sorts; 1 to 2 feet..... 25

See Plant List.

CINERARIA, LARGE FLOWERING

PLEASE EXAMINE NOVELTY PAGES FOR NEW VARIETIES OFFERED.

GERANIUM

Gorgeous flowers of numerous shades of color, borne continuously, render this the most popular plant grown, either for pot culture in winter or for bedding out in summer.

556 **Geranium, large flowering,** single, mixed, from new varieties 10
557 **—Double Mixed,** includes many varieties and the newest shades 50
558 **—Pelargonium, Mixed** (Lady Washington). From finest fancy spotted large flowering. (See Plant List) 35

GLOXINIAS

Charming greenhouse plants of dwarf habit. Flowers of the most exquisite and gorgeous colors are produced in greatest profusion. They are often 3 to 4 in. across, and many of them are magnificently spotted, mottled and blended. Under the commonest culture they bloom continuously for months, and by starting at intervals a succession of splendid flowers may be had nearly the whole year round. They are also exceedingly useful, if planted out in a warm frame and shaded from the bright sun, for cut flowers during summer. 1 ft. *Tender perennials.*

559 **Gloxinia, Grandiflora Erecta,** of great beauty and diversity, mixed varieties, saved from the finest erect growing sorts 35
560 **—Large flowering mixed.** Choice. (See Bulb List) 25

GREVILLEA (Australian Silk Oak)

Beautiful and graceful foliage, valued as a decorative plant for the table, and when large for tropical lawn effects; 3 to 5 ft. *Tender perennial.*

561 **Grevi.lea Robusta.** (See Plant List) 10

HELIOTROPE

Deliciously fragrant flowering plants; great favorites for pot culture in the winter or bedding out in summer; 1½ ft. *Tender perennial.*

562 **Heliotrope, large flowered.** Mixed shades 10
563 **—King of the Blacks,** a deliciously fragrant flowering variety; well adapted for pot culture or for bedding out in summer. (See Plant List) 10
564 **—Midnight and Egypt.** These grand new varieties are most appropriately named; the stems are black, and the foliage a beautiful bronze green, so dark as to be almost black. Midnight has a fine tree-like habit, while Egypt is round and bushy, with lustrous foliage resembling thick crepe. The flowers of both are beautiful shades of bluish purple, variegated with white and lighter purple. Both are extremely handsome, and come true from seed. We offer these two varieties in mixture .. 15

IMPATIENS SULTANI

A perennial Balsam from Africa, of compact growth, and produces an abundance of gorgeously-colored rosy-carmine flowers. One of the most distinct and beautiful plants for window culture in winter; of easy growth.

565 **Impatiens Sultani** (Zanzibar Balsam) ... 20

LANTANA

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads and changing in hue; 2 to 5 ft.

566 **Lantana, mixed** 10

KENILWORTH IVY

A charming, small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work.

567 **Kenilworth Ivy, (Linaria Cymbalaria),** lavender and purple 15

MUSA ENSETE

(Abyssinian Banana Tree)

The leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 ft. high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace or flower garden. Seeds sown early will produce large plants first season, 6 to 10 ft. *Tender perennial.*

568 **Musa Ensete.** (See Plant List) 25

ELIOTROPE "MIDNIGHT"

PASSION FLOWER

Handsome and rapid climbers for greenhouse decoration and sunny positions in the open ground in summer. Coerulea is sometimes hardy in a sheltered situation.

569 **Passion Flower, Passiflora Coerulea,** large flowers of violet and light blue, slightly fragrant... 10

PRIMULA OBCONICA

(Japanese Primrose)

A profuse blooming Primrose, bearing on long stems heads containing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true primrose fragrance.

570 **Primula Obconica** 10
571 **—Obconica Fimbriata.** A profuse blooming fringed variety of the well-known large flowering Primula Obconica. The flowers are as finely fringed as the Chinese Primrose, and are delightfully fragrant. It thrives well with ordinary house culture, and will grow in favor with those who wish easily grown plants..... 15

ROSE, "LITTLE MIDGET"

PRIMULA (Chinese Primrose)

Charming, profuse-blooming plants, indispensable for winter and spring decoration in the house. Seed should be sown in February or March, in a light sandy soil, but slightly covered and kept moist. Transplant as soon as the second leaves appear, and continue shifting the plants as they grow. Our seed is from the best European collections.

572 **Primula, "Chinese Standard."** A superior strain of Chinese Primrose, with large and beautifully fringed flowers standing on erect stems well above the foliage. They are constant bloomers and retain their magnificent appearance for a long period; foliage rich and dense; colors range through scarlet, white, blue, crimson and pink; mixed colors..... 50
573 **—Holborn Blue** 50
574 **—Chinensis White** 25
575 **—Bright Red** 25
576 **—Brilliant Crimson** 25
577 **—Alba Magnifica.** Finest pure white, flowers 2¼ in. across; large yellow eye 50
578 **—Mixed, large flowering, fringed.** Including many sorts 35
579 **—Fern Leaved.** Mixed colors; foliage of this class long and fern-like..... 35
580 **—Double mixed sorts** 50
581 **—Forbesi, the "Baby Primrose."** Blooms in three months from seed. This is unquestionably one of the most profitable plants to grow for cut flowers. It begins to bloom in 3 months after sowing and continues to produce flowers for 10 months in succession. The flowers are very graceful, not quite half an inch across and are of a most pleasing rose color with a yellow eye. They are borne on erect stems, 10 to 12 in. high, in tiers, and remain fresh over a week after being cut, new buds opening every day. The plant is a vigorous grower, thrives n the shade or sunshine, even in a cool house 10

PRIMULA FORBESI

ROSES

582 **Rose, "Little Midget."** These little roses belong to the Polyantha or Japanese many-flowered section. The roses are only about an inch across, usually very double, but occasionally semi-double and seldom single; they are borne in many-flowered clusters, and contain all the tints of cultivated roses. What is most remarkable, these "Little Midget" roses grow only 10 in. high, and commence blooming a few weeks after the seed is sown, and continue to bloom year after year. 10

SOLANUM (Jerusalem Cherry)

It is well adapted for garden or pot culture, bearing numerous little red fruit, which remain on for a long time and look very ornamental.

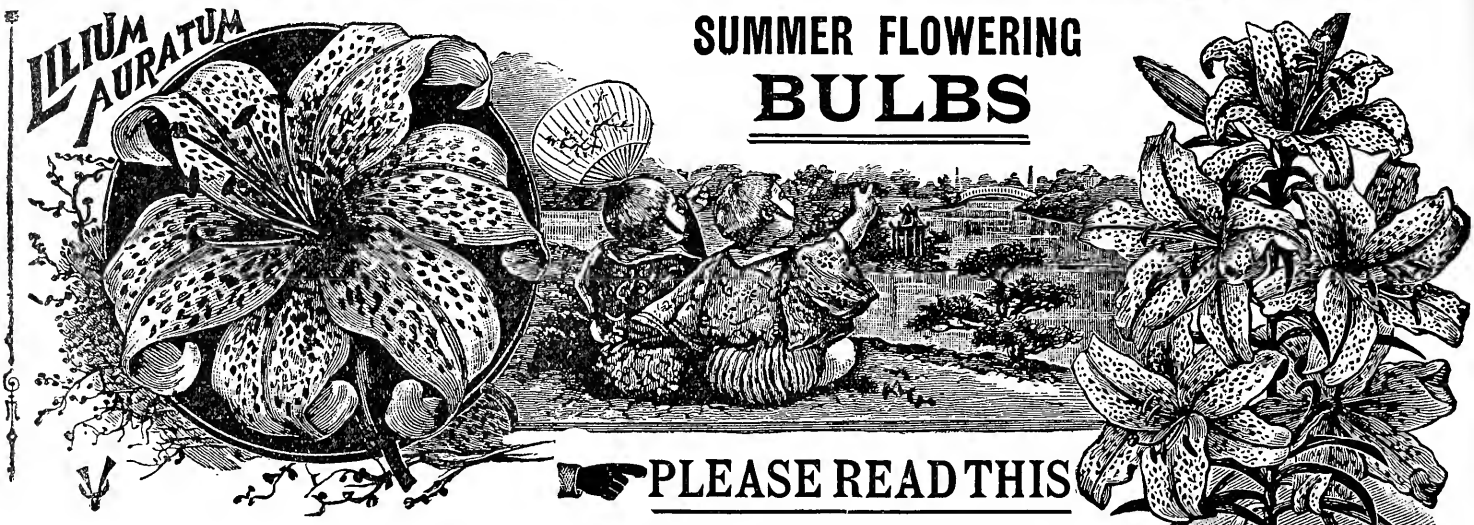
583 **Solanum Capsicastrum,** 1½ ft 10

SMILAX (Myrsiphsilum)

Perennial tuberous-rooted climber, with dark glossy foliage and small white flowers; 6 to 10 ft.

584 **Smilax Asparagoides** (Boston Smilax); oz., $1. (See Plant List) ... 10

CHINESE PRIMULA



SUMMER FLOWERING BULBS

PLEASE READ THIS

Our list includes the best varieties in cultivation. They are grown for us in large quantities, and sent out by us securely packed, and in splendid condition. They are quickly grown, requiring little care and produce some of the most showy and beautiful of all summer and autumn flowers. We have priced them very low to bring them within the reach of all. Bulbs will not be forwarded until severe frosts are over, so that there will be no danger of injury on the way. When bulbs are ordered with seeds, the seeds will be forwarded at once, and **bulbs as soon as the weather permits.** Customers must not, therefore, feel disappointed if they do not find the bulbs in the first package. **All Bulbs and Flowering Plants, except where noted, sent by mail post-paid, on receipt of price.**

LILIES

For grand distinctive flowers yielding a liberal bloom there is nothing so satisfactory and gratifying as a good assortment of Lilies. All Lilies require deep planting and should not be disturbed for several years. In almost every case flowers will be obtained the first summer after planting, but it will be quite as well for the health of the plant if there is no bloom until the second season. In our northern climate it is well, before winter, to cover the ground over and around the bulbs with three or four inches of leaves or straw, or coarse manure, as a winter protection.

1000 Lilium Auratum, the Golden Banded Queen of Lilies. Ivory white ground, richly strewn with purple studs. The centre of each petal has a broad band of yellow extending from tip to base. We offer, this season, a large stock of this peerless variety, which beyond question is the grandest of all the Lily family. Fully expanded, the flowers measure nearly a foot across, are produced abundantly and possess a most delicious fragrance, 8 for $1.00; each, 15c.; extra large, 6 for $1.00; each 20

1002 —Candidum (White Garden Lily). This Lily is the emblem of purity. The deep lemon anthers contrast beautifully with the wax-like petals. The fragrance is delicious and never opresssive. Hardy. 12 for $1; ea. 10

1003 —Elegans, Mixed. Embracing beautiful and distinct new varieties, which, both for pot culture and for masses of color in the open garden, are unsurpassed. All are early flowering and sure to bloom in June and July. They are very hardy, and grow and thrive under almost any conditions. 12 for $1.25; each 15

1004 —Lilium Humboldti (Bloomerianum). A remarkably fine variety, attaining the height of from 3 to 5 feet, and producing freely large flowers of golden yellow color, spotted with purple. A native of California. Each 25

1005 —Lancifolium Album. The well-known beautiful snow-white, fragrant, hardy garden Lily; flowers trumpet-shaped, 6 to 8 inches long. Height, 4½ to 5 feet; in open ground blooms in June and July. Large bulbs. Per doz., $1.75; each 20

1006 —Speciosum Monstrosus Rubrum. White ground with band and spots of rose and crimson on each petal. One of the best Lilies. We have a splendid stock. Large bulbs. Per doz., $1.50; 4 for 70c.; each 20

1007 —Superbum. Beautiful and rich as many of our native Lilies are, this far excels them all, bearing a pyramid of yellowish red flowers. Blooms early in July; 3 feet. 4 for 50c.; each 15

1008 —Tiger Lily, Double (Tigrinum Fl. Pl.). A plant 4 to 6 ft. high, with dark green foliage, double bright orange-red flower. 4 for 35c.; ea., 10

AMARYLLIS

AMARYLLIS, OR KNIGHT'S STAR LILY

An interesting class of plants, desirable for growing in pots, producing showy, lily-shaped flowers, which are very attractive and handsome. The bulbs should be potted in light, sandy loam, with good drainage. They are of vigorous growth and will repay the care required, being almost sure to bloom the first season. If planted outside after spring flowering, it makes a good growth and is ready for a second blooming in the fall. They require abundant moisture when growing, but at the season of rest water should be given sparingly. Our stock is very fine.

009 Amaryllis. Crinum Kirkii. Magnificent flowers. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel composed of a dozen or more of enormous lily-like flowers of the greatest beauty and fragrance. The petals are broad and pure white, with a deep reddish purple stripe through the centre. Free bloomer. Extra large bulbs, each, 50c.; large, 30c.

010 —Johnsonii (Spice Scented). This magnificent bulbous plant throws up an 18-inch spike bearing from 2 to 6 flowers, averaging from 4 to 6 inches across, of a bright, rich red color, with a white stripe down each petal; it also has a rich, spicy fragrance. It is robust, luxuriant and the earliest Amaryllis; prolific bloomer; easy culture. Extra large, each, 50c.: large, 30c.

1011 —Treatea (Fair Lily of the South). A native of Florida. The flowers are pure white; sweet scented; bulbs quite small; 4 or 5 can be grown in a 5 or 6-inch pot. Per doz., 50c., each, 5c.

1012 —Formosissima (Jacobean Lily). Intense crimson flowers, with most charming and graceful appearance. The bulbs are dormant during the winter, and can be kept like Dahlias. Per doz., $1; each, 10c.

1013 —Vallotta Purpurea. A beautiful pot plant, requiring similar treatment to the Gladiolus. It sends up a flower stem about 18 inches in height, bearing from four to eight handsome scarlet flowers. Very easy of cultivation. Each, 25c.

1014 —Belladonna Major (Belladonna Lily). A winter-blooming variety of extreme beauty and fragrance. The spikes grow from 2 to 3 feet high; each carrying from six to a dozen beautiful flowers "Sweet as Lilies," of silvery white, flushed and tipped with rose. Each, 25c.

CAMASSIA ESCULENTA

(Indian Hyacinth)

1015 Camassia Esculenta. A lovely bulbous flower which should have a place in every garden. It is as hardy and robust as a tulip, producing each spring tall graceful spikes of lovely blue flowers, resembling to some extent the Hyacinth, though more graceful. It increases rapidly, and soon forms a dense clump, which is when in bloom a beautiful sight. It is also a magnificent pot bulb for winter blooming. Per doz., 30c.; 3 for 10c.

CAMASSIA ESCULENTA

ATAMASCO LILIES (Zephyranthes)

1016 Atamasco Lilies. These beautiful zephyr flowers, or "Fairy Lilies," are gems of rare beauty. Planted in pots or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them. They are easily grown and succeed everywhere. Bulbs, mixed colors, per doz., **90c.**; each, **10c.**

ALSTROMERIA
(The Peruvian Lily)

Tuberous rooted plants with beautiful, large, lily-like flowers of great beauty, borne in clusters during the summer; they are splendid for cutting, being of great substance and lasting in perfection for a long time. In dry, well drained positions they form one of the most useful groups in cultivation; hardy when well established, and very varied in colors (orange, yellow, scarlet, pink, white and black, beautifully blended, many sorts being striped and blotched). Free bloomers. Plant the tuberous roots one foot deep.

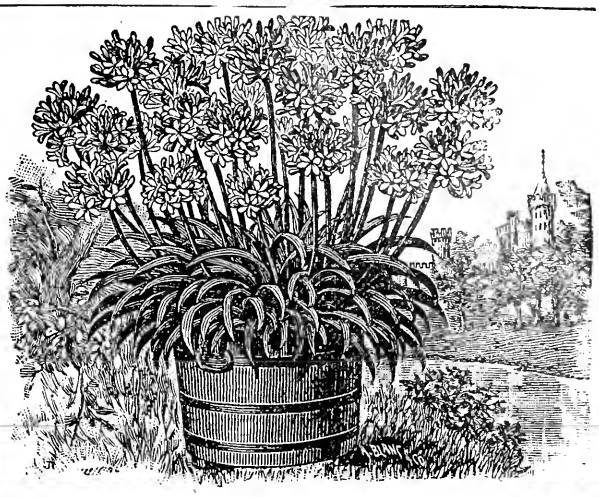
1017 Alstromeria. Mixed varieties, per doz., $1; each, **10c.**

AGAPANTHUS
(The Great African Lily)

Splendid ornamental plant, bearing clusters of bright blue or white flowers on long flower stalks, and lasting a long time in bloom. There is no finer plant than this for outdoor decoration, planted in large pots or tubs. It does well in the house or greenhouse in the winter, but will not stand frost. It is a rapid grower and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots.

1018 Agapanthus Umbellatus. The old favorite; flowers bright blue. Each, **20c.**

1019 —Umbellatus Alba. Pure white. Each, **20c.**



AGAPANTHUS

APIOS TUBEROSA (Tuberous-Rooted Wistaria)

1020 Apios Tuberosa. One of the grandest and most beautiful climbing vines in cultivation. It grows very quickly and attains a great height, making with its dense foliage and beautiful flowers, a most attractive screen. In vine and foliage it resembles the common Wistaria. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, presenting a strong, delicious violet fragrance. Plant the bulbs near a trellis, fence, tree, or wherever a rapid growing climber is desired. Bulbs, per doz., **50c.**; each, **5c.**

BEGONIAS (Tuberous-Rooted).

Tuberous-rooted Begonias are among the handsomest and most popular of our summer-flowering bulbs, both for their planting in the open border for summer decorations, and for growing in pots for the greenhouse, conservatory or window. Their fascinating colors range from ivory white and flaming scarlet, through shades of bright, bronze-yellow, light and dark crimson, orange, pink, ruby-red and rose. Nothing can excel their brilliancy, the delicacy of their tints, the richness of their single and double flowers and the gorgeousness of their effect in masses, with their graceful appearance in beds and borders. For hardiness, vigor and profusion of bloom for a long season, they are unsurpassed. The assortment we offer embraces some of the newest and rarest specimens in cultivation; they have been selected from prize European collections. Being of easy cultivation they should be generally grown; the only points of notice are to provide light, rich soil, plant one foot apart each way, keep them cool and shaded, do not try to force them, as they are then apt to become long and "spindling." They should be watered sparingly at first, but once started give plenty of water and air. When done blooming, dry off and store away in same manner as Dahlias or other bulbous roots.

1021 Begonias, Specially Selected, Single. Doz., $1; each..... 10

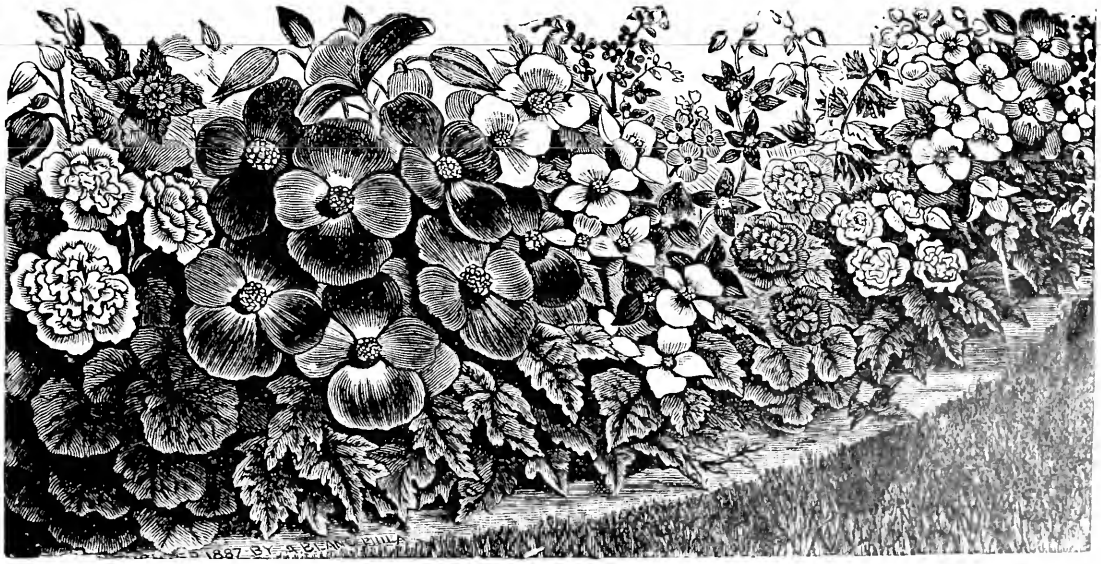
1022 —Specially Selected, Double. Doz., $2; each 20

The above Begonia Bulbs will be supplied in **named colors of Crimson, White, Yellow, Pink, Scarlet and Orange Scarlet,** as desired. If no special colors are named they will be sent in assorted colors.

ALSTROMERIA

BESSERA ELEGANS, OR CORAL DROPS

1023 Bessera Elegans, or Coral Drops. A summer flowering bulb requiring the same treatment as the Gladiolus. It is a splendid companion to Milla Biflora, as it grows about the same height, and makes with that lovely flower a pretty contrast. The flowers are 1 inch in diameter, drooping in clusters, fine scarlet with a white band through centre of each petal. It is easily grown and sure to please all. Native of Mexico. Doz., **75c.**; each, **8c.**



TUBEROUS ROOTED BEGONIAS

SPOTTED LEAF CALLA

WHITE CALLA LILIES

1026 **White Calla** (Lily of the Nile). A well known plant of easy culture, and in winter is one of our best window plants. The only special treatment it requires is abundance of moisture, this trait making it invaluable for aquariums, etc. Give the leaves an occassional syringing to clear from dust; water with tepid water, and keep in a warm room. To aid profuse blooming, keep them dormant during the fall, and repot in November. Price, large bulbs, each, **15c.**; 4 for **50c.**

DWARF CALLA

(OR LITTLE GEM CALLA)

1027 **Calla, Little Gem** (true). Should not be confused with the Gem, being entirely distinct. It is indeed a "pigmy," scarcely ever exceeding the height of one foot, yet producing good sized flowers in great abundance. Our stock of Little Gem Calla has been procured direct from the originator of this variety. The flowers will be found exceedingly useful for cut flower work. Each, **20c.**

NEW GOLDEN YELLOW CALLA

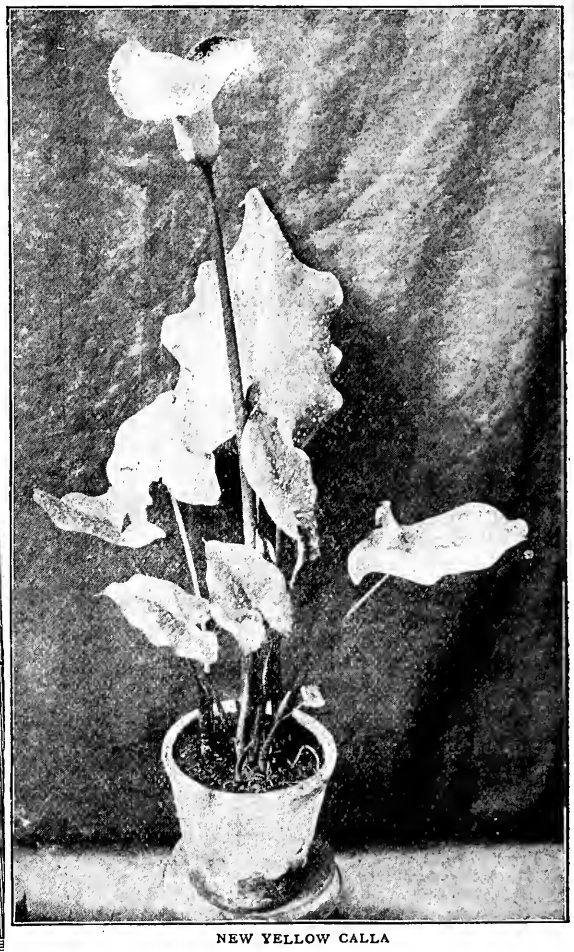
1024 **Richardia Elliottiana.** The plant has the same habit of growth as the ordinary White Calla, R. Ethiopica, with flowers of the same size and shape, but of a rich, clear, lustrous golden-yellow color; the foliage is dark green, with a number of translucent creamy-white spots, which add to its beauty. We have been fortunate in securing a limited lot at a special advantageous price, and are now in a position to offer good bulbs of the true variety at the low price of **$1.50** each.

SPOTTED CALLA

(RICHARDIA ALBA MACULATA)

1025 **Spotted Calla.** This beautiful and popular novelty gives the greatest satisfaction. The leaves are rich, deep green, finely spotted with white. Thus the plant even when not in flower is ornamental. It is easily grown, very distinct, free to bloom and in all other respects is like the favorite old Calla. Two or three bulbs may be grown in a 5-inch pot. (*See cut*). Bulbs, each, **15c.**; 4 for **50c.**

LITTLE GEM



NEW YELLOW CALLA

RED CALLA (New) (ARUM CORNUTU 4)

1028 This exceedingly curious plant produces red flower, spotted with black, and is an object of attraction at all times. The stems are oddly mottled green and white; the foliage is very large, somewhat like a palm in appearance, and is very effective. It is quite easily grown, and will be sure to give satisfaction. Price, each **20c.**; 3 for **50c.**

NEW SWEET SCENTED CALLA

1029 **The Fragrance of Violets and Lilies.** In this we have not only a charming and useful flower produced in a profusion never before surpassed, if equalled, in a Calla, but also with a genuine, sweet, lasting fragrance all its own, yet similar to that of Violets and Lilies, which has never before been obtained in Callas. Flower is of purest white, the foliage is also unique, being handsomely fluted. To introduce this queen of novelties we offer same at following prices: Each, **25c.**; 5 for **$1.**

BLACK CALLA (ARUM SANCTUM)

1030 A magnificent and remarkable variety from the Holy Land. The plant produces one large flower the shape of a Calla, and from 14 to 18 inches long, and 4 inches broad, and of a rich dark purple color and green underneath somewhat wavy at the border, and curled at the smaller end. The spathe rising from the centre of the flower is about 10 inches long, velvet like and quite black. It is raised on a slender but vigorous stalk of brown-red, shading to green at the upper end. The leaves are large and very wavy, of a rich green color, veined light green and resemble exactly those of the Calla Ethiopica. Price, each, **20c.**

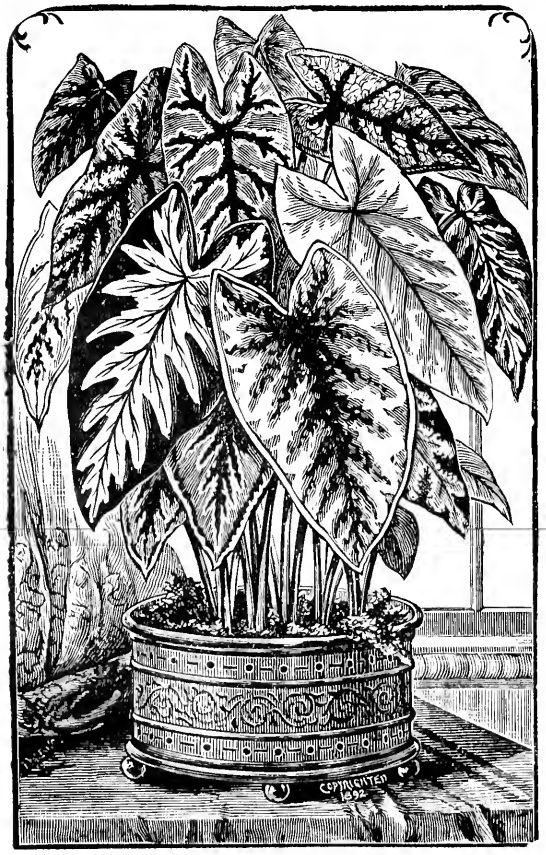
CALADIUMS, FANCY LEAVED

1031 Nothing can equal the variety and gorgeous coloring of these ornamental leaved plants when grown on verandahs or in situations partially shaded. They are easily grown, thriving in pots or boxes in the house or in shaded situations out of doors. The bulbs should be dried off in October, and kept in a warm, dry place during the winter. They should be started into growth about April 1st, requiring strong bottom heat. Choice fancy varieties, **25c.** each; 5 for **$1.**

CALADIUM ESCULENTUM

(ELEPHANT'S EAR)

1032 Upon the lawn, as single specimens, nothing will give a more sub-tropical appearance and pleasing effect than C. Esculentum; it will grow in any good rich garden soil. To obtain best results it should be planted where it will obtain plenty of moisture; when well grown it will stand five feet high and bear immense light green leaves 3 to 4 ft. long by 2 to 2½ ft. wide. As soon as the foliage is touched with frost, remove the bulbs to the cellar, and give same care as Dahlias. Price, large bulbs, each, **25c.**; medium size, each, **15c.**



FANCY CALADIUMS

NEW SWEET SCENTED CALLA

CANNAS

The Canna is the coming flower. It is here to stay. Imagine this most beautiful plant, bearing above its broad leaves spike upon spike of the most lovely scarlet and gold Gladiolus-shaped flowers, easier to raise than a Dahlia, and as hardy as a Chrysanthemum; as beautiful as any Orchid, and far more stately, and perfectly adapted for ornamenting every lawn or flower garden from early spring till latest autumn. We have not to be satisfied with flowers of scarlet and gold alone, for there are now varieties revelling in hues of palest lemon-yellow, deepest orange, pretty fawn and nankeen buff, darkest shades of crimson, and blood red and pure white; others masquerading with parti-colored, splashed and spotted petals and speckled throats. They are simply grand. For outdoor cultivation plants should be purchased in the spring, and planted in beds or borders; the ground should previously be prepared and well enriched, adding a little sand if the ground is stiff and heavy. The plants will flower through the summer and autumn months. Cannas will repay good treatment and plenty of moisture, but must be lifted as soon as touched with frost and stored in a cool, dry place, or under the greenhouse bench during winter. For winter decoration plant in a good sized pot in the fall, using light, rich soil, and water well. The varieties we offer are perpetual bloomers, specially selected for their fine foliage and bloom, and of dwarf habit, averaging 3 feet in height; many only grow from 2 to 2½ feet high.

H. WENDLAND

1038 —H. Wendland. Undoubtedly the finest Canna now in commerce. Unlike some others the flowers are of excellent substance with heavy, massive petals. Flowers of extraordinary size and beauty, produced in large trusses well above the broad, handsome green leaves. Outer petals scarlet with golden-yellow border, fiery red inside and yellow in centre. It is the best we have yet seen. Height, 4 feet. Each, **30c.**

SPECIAL OFFER.—One each of above 6 for 65c.

PRES. M'KINLEY

NEW ORCHID-FLOWERED ITALIAN VARIETIES

1033 Canna, Alemannia. The Giant of all Cannas. Produces the largest flowers which have been obtained from any Canna. The outer petals are scarlet, with a very broad golden-yellow border. The inside of the bloom is scarlet and dark red. Exceedingly beautiful. The plant grows 6 feet high. Each, **25c.**

1034 —America. The first gigantic flowering Canna with red leaves. Height, about 4½ feet. The beautiful foliage has a dark background, shaded and flamed with green, bronze and purple, and shines as if varnished. The spikes are very large and the flowers enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple—a combination of colors not seen in the Crozy class. Each, **25c.**

1035 —"Italia." Very distinct in coloring; flowers very large and always show five and frequently six segments. Three of the segments are golden yellow in color and have a large blotch of orange scarlet, surrounded by smaller blotches. The centre and lower segment is scarlet and bordered by a narrow edge of golden yellow. The lower petals are the largest and frequently measure 2½ inches in width and are peculiarly fringed and twisted. Price, **15c.**

1036 —"Austria." While not so gorgeous in coloring is considered superior to Italia, owing to its larger flowers, its rapid growth and majestic Musa-like foliage; comes quickly into bloom, and throws up numerous flowering stems, each being surmounted by tall spikes of large flowers, standing upright like large lilies. The flower is pure yellow, the lower and fifth petals only being slightly spotted with crimson. Price, **10c.**

1037 —Oceanus. Flowers warm flame color with broad, golden-yellow border, spotted. Inner petals vivid scarlet; leaves green. Remarkably fine. Price, **25c.**

STANDARD VARIETIES

1039 —Alphonse Bouvier. Of the many crimson varieties yet introduced, this is all points considered, probably the grandest and most effective. In color it is a rich brilliant crimson, almost approaching scarlet when it first opens, changing to a deep, dazzling crimson as the flowers fully develop. Each, **15c.**

1040 —Brilliantissima. Foliage dark metallic bronze, slightly tinted scarlet, giving it a very lustrous and handsome appearance. 3½ feet. Each, **10c.**

1041 —Charles Henderson. A splendid, dwarf, compact grower; throwing up erect compact heads of bloom, of large size; color bright crimson; very handsome, bright green foliage; 2½ ft. in height. An excellent pot plant; each, **15c.**

1042 —Flamingo. One of the finest solid crimson varieties yet introduced, with large flowers over 4 inches in diameter, heavy in texture and of the most refined reflexed form so much sought after, and which is found in very few varieties. They cluster around the stem in an even manner, giving the truss a grace and finish. Its habit is perfect, strong and compact, growing about 3 feet high. Each, **15c.**

1043 —Florence Vaughan. A grand bright golden yellow, heavily dotted with bright red spots; very broad petals; spikes large and compact. Of dwarf habit. Each, **10c.**

1044 —J. D. Cabos. Four feet high. Purplish green foliage, stalks numerous, flowers large and round, color exceedingly distinct apricot. Each, **10c.**

1045 —Mad. Crozy. One of the finest; foliage bright green. Bears immense trusses of orange scarlet flowers, each petal bordered with golden yellow. About 3 feet high. Each, **10c.**

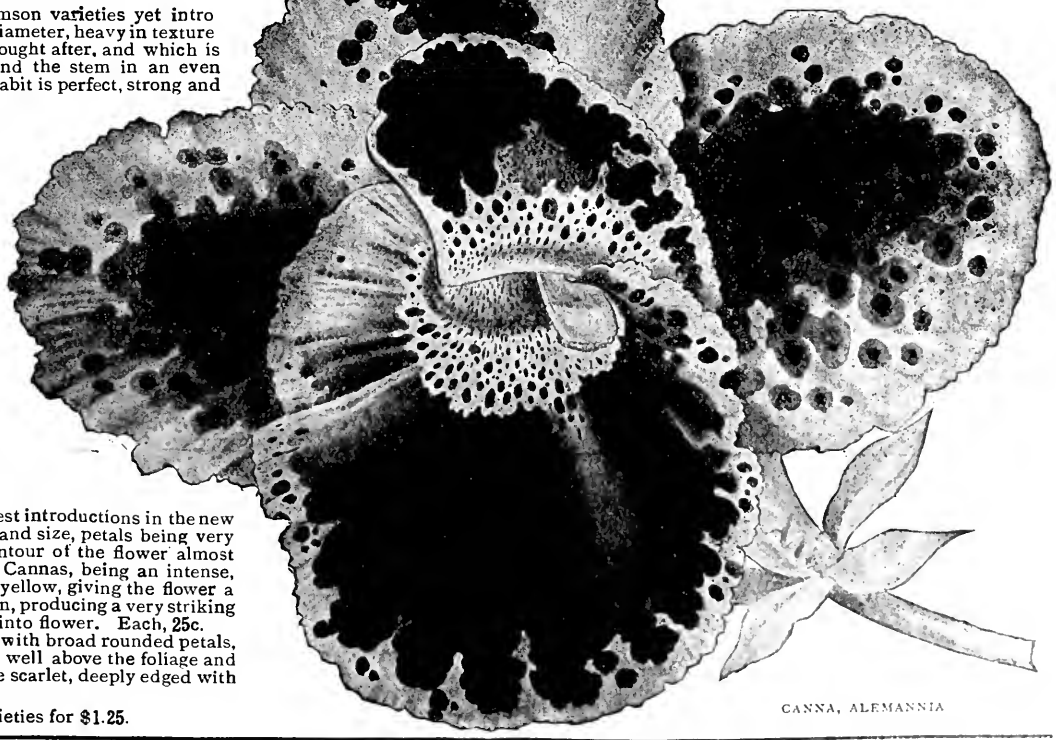
1046 —Pres. McKinley. It is of medium height, about three feet, and an exceedingly free bloomer, bearing large clusters of massive flowers. The flowers are brilliant crimson with scarlet shading. Each, **25c.**

1047 —Rubrum Giganteum. A gigantic dark-leaved variety, which grows to a height of 8½ feet, and throws up a large spike of orange scarlet flowers. This variety is specially adapted for centre beds. Each, **15c.**

1048 —Sam. Trelease. This is one of the finest introductions in the new Cannas. Flowers are of almost ideal form and size, petals being very broad and overlapping each other, making the contour of the flower almost circular. It is the most brilliant of all the scarlet Cannas, being an intense, vivid scarlet. Base of the petals is bright golden yellow, giving the flower a decided yellow centre, a very beautiful combination, producing a very striking effect. It is one of the earliest varieties to come into flower. Each, **25c.**

1049 —Queen Charlotte. Flowers are large with broad rounded petals, slightly recurved; immense heads; stand well above the foliage and are most attractive in color, being a bright orange scarlet, deeply edged with bright canary yellow.

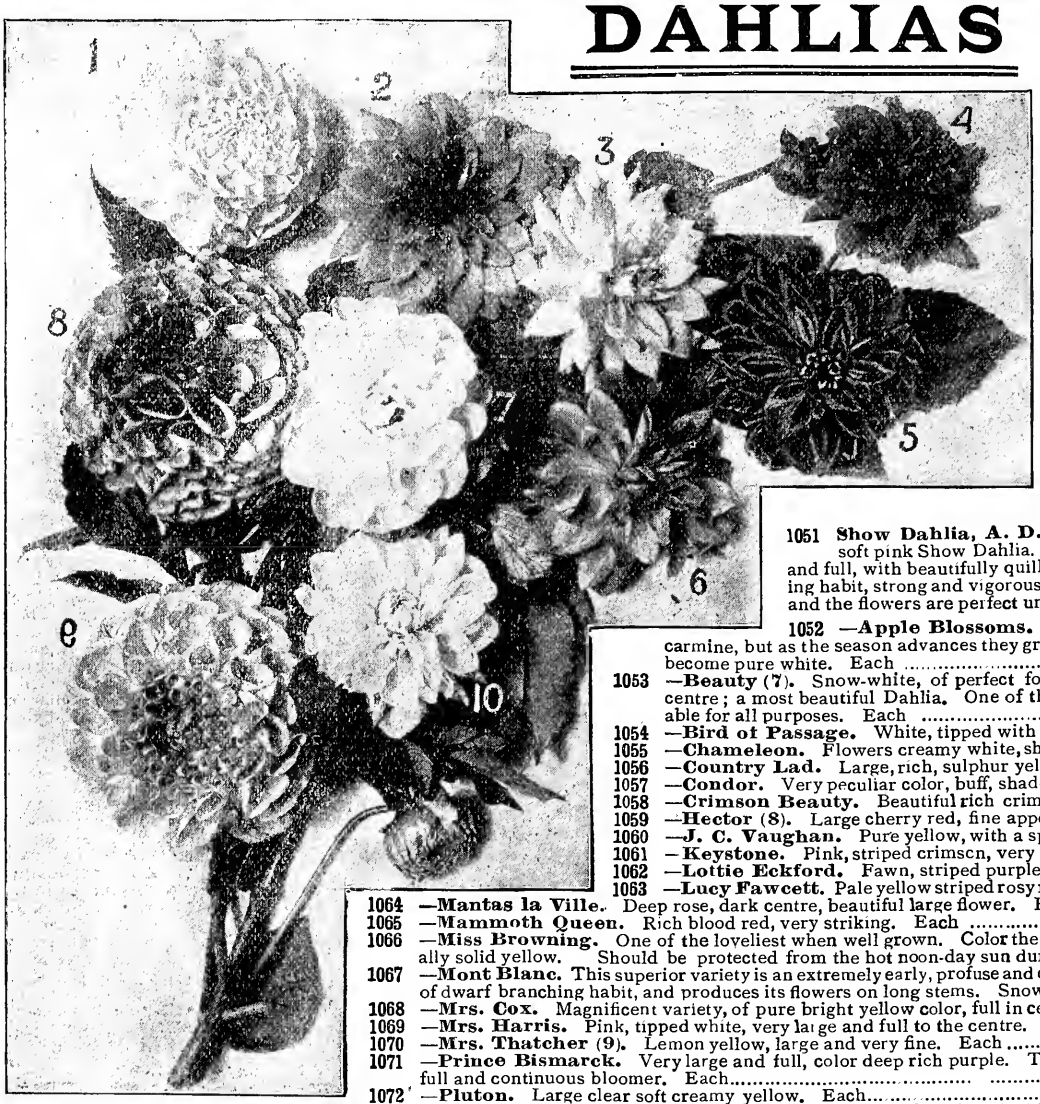
1050 —Special Offer. One each above 11 varieties for $1.25.



CANNA, ALEMANNIA

MIXED, UNNAMED.—These include many seedlings, varieties of merit, and variety of colors; for beds, borders or clumps they will make a handsome display. 3 for 25c.; doz., 75c.; per 100, $5.

DAHLIAS



The Dahlia is the grandest autumn flower we have. It is in its glory during September and October, when other flowers have faded; they surrender only to the frost. Our collection of Dahlias is grown upon our own grounds, and is without doubt one of the finest in the country. We carefully grow and test new sorts every season; if such are found desirable they are retained, otherwise discarded. Our assortment has taken first premium wherever shown, and cannot but please all buyers. Put Dahlia tubers in the ground when the season becomes warm, covering the neck some 3 inches. If many shoots start, thin them out. After flowering, and before hard frosts, take up the plants, remove the tops, dry the bulbs a little and put into the cellar until spring, when they can be divided and replanted. Look at them occasionally to see that they are not shrivelling from too dry an atmosphere, nor starting the eye early in consequence of too much moisture and warmth. Tubers can be forwarded as soon as danger from frost is past, about 1st April.

EXHIBITION LARGE FLOWERING SHOW DAHLIAS

1051 **Show Dahlia, A. D. Livonia.** By all means the best clear, soft pink Show Dahlia. Medium to large, form perfect, being round and full, with beautifully quilled petals. Plant of medium height, branching habit, strong and vigorous. Blooms profusely from June until frost, and the flowers are perfect until the last. Each 15

1052 **—Apple Blossoms.** The first flowers are deep-red pink and carmine, but as the season advances they gradually open lighter and lighter till they become pure white. Each 20

1053 **—Beauty (7).** Snow-white, of perfect form and good texture; always full to the centre; a most beautiful Dahlia. One of the very finest whites yet known, and valuable for all purposes. Each 15

1054 **—Bird of Passage.** White, tipped with pink, always reliable. Each 15

1055 **—Chameleon.** Flowers creamy white, shaded to pink, large and very fine. Each 15

1056 **—Country Lad.** Large, rich, sulphur yellow, tipped pink Each 15

1057 **—Condor.** Very peculiar color, buff, shaded with orange. Each 15

1058 **—Crimson Beauty.** Beautiful rich crimson, very pleasing. Each 15

1059 **—Hector (8).** Large cherry red, fine appearance. Each 15

1060 **—J. C. Vaughan.** Pure yellow, with a splendid form. Each 15

1061 **—Keystone.** Pink, striped crimson, very fine. Each 15

1062 **—Lottie Eckford.** Fawn, striped purple, fancy variety. Each 15

1063 **—Lucy Fawcett.** Pale yellow striped rosy magenta, fine flower, one of the largest. Ea. 20

1064 **—Mantas la Ville.** Deep rose, dark centre, beautiful large flower. Each 15

1065 **—Mammoth Queen.** Rich blood red, very striking. Each 15

1066 **—Miss Browning.** One of the loveliest when well grown. Color the purest yellow, tipped pure white, occasionally solid yellow. Should be protected from the hot noon-day sun during July and August. Each 15

1067 **—Mont Blanc.** This superior variety is an extremely early, profuse and constant bloomer, a strong, vigorous grower of dwarf branching habit, and produces its flowers on long stems. Snow-white, perfect form, full to the centre 20

1068 **—Mrs. Cox.** Magnificent variety, of pure bright yellow color, full in centre and very large. Each 20

1069 **—Mrs. Harris.** Pink, tipped white, very large and full to the centre. Each 15

1070 **—Mrs. Thatcher (9).** Lemon yellow, large and very fine. Each 15

1071 **—Prince Bismarck.** Very large and full, color deep rich purple. The plant is a very vigorous grower and a full and continuous bloomer. Each 20

1072 **—Pluton.** Large clear soft creamy yellow. Each 15

1073 **—Queen of Primroses.** Beautiful primrose yellow, often tipped with purple. Each 15

1074 **—Rossland (1).** Pure deep yellow, turning a little lighter at the tips of the petals, large and very double; a profuse bloomer. Each 15

1075 **—Sunbeam.** Rich crimson shaded maroon, tipped pinkish white. Each 15

1076 **—Uncertainty.** Varies from white marbled blush and carmine to solid crimson maroon on the same plant with intermediate variegations. Each 20

Collection of Six from above Twenty-six Varieties for $ .80
" Twelve " " " 1.50

SUPERB CACTUS DAHLIA

A very showy and wonderful class of Dahlias. The flowers are peculiar in form, very attractive, bloom freely and are splendid for cutting. **We specially recommend this class.**

1077 **Dahlia, Apollo (5).** Rich crimson lake, very beautiful; petals round and beautifully formed, giving it a novel appearance. Each 15

1078 **—Bertha Mawly (6).** Cochineal color, a magnificent flower, florets resembling a Chrysanthemum. Each 15

1079 **—Blanche Kieth (3).** Beautiful pure yellow, very fine. Each 20

1080 **—Clifford W. Bruton.** The finest pure yellow Cactus Dahlia yet introduced. It is of immense size and of full Chrysanthemum form, and full to the centre; a strong vigorous grower and an extremely profuse bloomer. Each 20

1081 **—Countess of Gosford.** Rich cinnamon shaded towards the centre with gold. Each. 15

1082 **—Fire King.** (Glare of the Garden). Fiery crimson scarlet. Each 15

1083 **—Gloriosa.** Undoubted the finest crimson Cactus variety yet seen, every flower is of perfect form, the petals being long, narrow and twisted, making it much admired by all. Each. 20

1084 **—Lady Skelmersdale.** Pale primrose yellow, very fine. Each 15

1085 **—Marquis.** A deep rich velvety crimson, outside petals tinged with fiery crimson giving it a charming effect which is shown off beautifully by the slight twist in the petals. Each 20

1086 **—Nymphæa (10).** An entirely distinct variety. The flower is of a clear distinct light shrimp pink shading slightly darker towards the outer petals. Each 15

1087 **—Oban (2).** Very distinct and effective. Color bright scarlet fawn shaded with lake. Each 15

1088 **—Wm. Agnew.** The grandest red dahlia ever produced, the flowers often measuring seven in. in diameter, while the color is of the richest shade of dazzling red. Each 15

1089 **—Wm. Pearce (4).** Flowers of medium size and deep red color. Each 15

SPECIAL OFFER—Your selection of Six from above for 75c.

SINGLE DAHLIAS

For density of color, grace and beauty, the Single Dahlia excels. The flowers are borne on long graceful stems, ranging from 3 to 5 inches in diameter; free bloomers; useful for cut flowers.

1090 **Dahlia, Ami Barrillett.** Richest scarlet, dark foliage.

1091 **—John Cowan.** Maroon shaded.

1092 **—Mrs. Bowman.** Purple; excellent.

1093 **—William T. Abery.** dark red, striped golden-yellow, semi-double.

Price, each, 15c.; the set of Four for 50c.

POMPON, OR BOUQUET DAHLIAS

The flowers of this beautiful class are small, suitable for bouquets, perfect in form.

1094 **Dahlia, Mrs. Dobbs.** Vermilion.

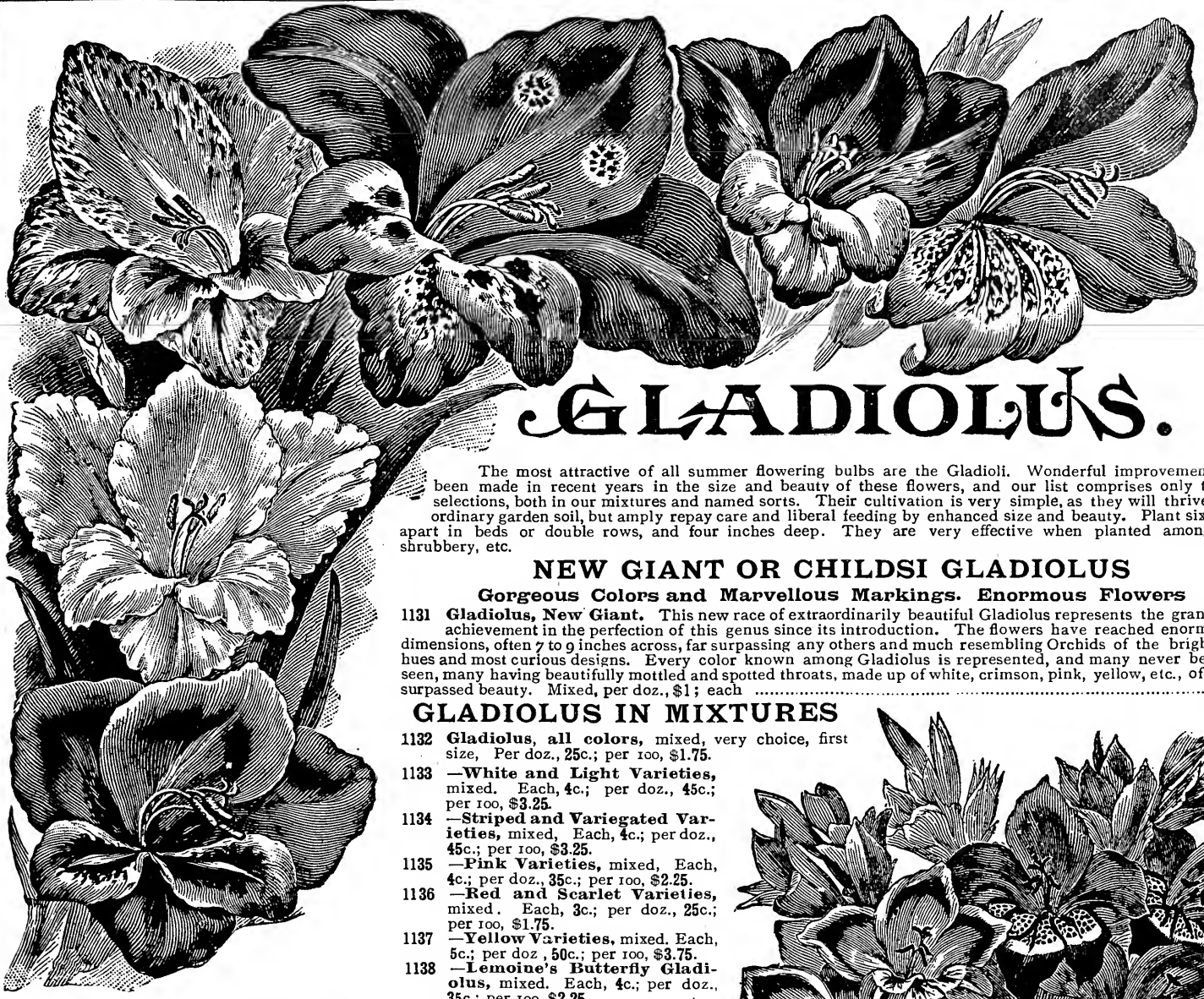
1095 **—Nemesis.** Maroon with white.

1096 **—New Double Tom Thumb.** 12 to 15 in. high; pure yellow, tipped and lightly margined red. Flowers are 3 in. in diameter. Excellent for bedding or pot culture.

1097 **—White Aster.** Pure white quilled.

Price, 15c. each, Four for 50c.

"MONT BLANC"



GLADIOLUS.

The most attractive of all summer flowering bulbs are the Gladioli. Wonderful improvements have been made in recent years in the size and beauty of these flowers, and our list comprises only the best selections, both in our mixtures and named sorts. Their cultivation is very simple, as they will thrive in any ordinary garden soil, but amply repay care and liberal feeding by enhanced size and beauty. Plant six inches apart in beds or double rows, and four inches deep. They are very effective when planted among roses, shrubbery, etc.

NEW GIANT OR CHILDSI GLADIOLUS

Gorgeous Colors and Marvellous Markings. Enormous Flowers

1131 **Gladiolus, New Giant.** This new race of extraordinarily beautiful Gladiolus represents the grandest achievement in the perfection of this genus since its introduction. The flowers have reached enormous dimensions, often 7 to 9 inches across, far surpassing any others and much resembling Orchids of the brightest hues and most curious designs. Every color known among Gladiolus is represented, and many never before seen, many having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow, etc., of unsurpassed beauty. Mixed, per doz., $1; each 10

GLADIOLUS IN MIXTURES

1132 **Gladiolus, all colors,** mixed, very choice, first size, Per doz., 25c.; per 100, $1.75.

1133 **—White and Light Varieties,** mixed. Each, 4c.; per doz., 45c.; per 100, $3.25.

1134 **—Striped and Variegated Varieties,** mixed, Each, 4c.; per doz., 45c.; per 100, $3.25.

1135 **—Pink Varieties,** mixed, Each, 4c.; per doz., 35c.; per 100, $2.25.

1136 **—Red and Scarlet Varieties,** mixed. Each, 3c.; per doz., 25c.; per 100, $1.75.

1137 **—Yellow Varieties,** mixed. Each, 5c.; per doz., 50c.; per 100, $3.75.

1138 **—Lemoine's Butterfly Gladiolus,** mixed. Each, 4c.; per doz., 35c.; per 100, $2.25.

GLADIOLUS

1139 **Groff's New Hybrids.** An excellent strain produced by the celebrated Canadian Gladiolus specialist by carefully crossing and recrossing the finest named varieties of Childsi, Lemoine, Nauceanus, Gandavensi s and other hybrids, thereby producing a strain that outrivals all the existing older sorts. They are truly magnificent and will not fail to delight every grower· Each, 10c.; $1 per doz.

50 CENT BEAUTY COLLECTION

SPECIAL OFFER.—12 Named Gladiolus only 50 cents.

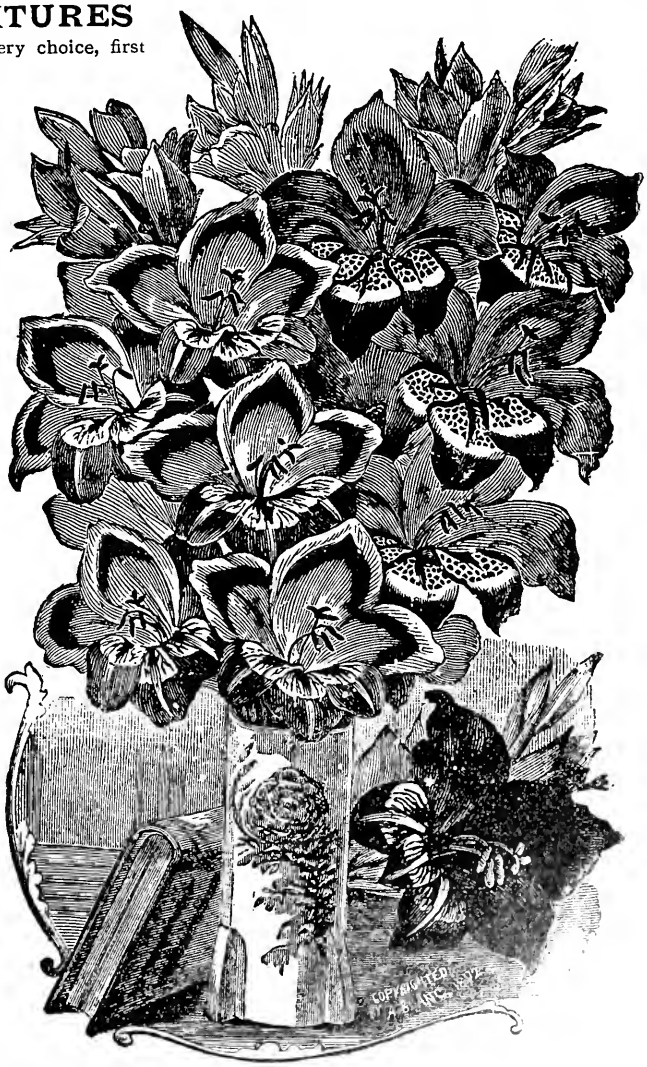
We will give the following 12 named varieties for the surprisingly low rate of 50 cents, or about half their regular price. Any of the separate varieties may be ordered, but cannot send any part of the set at less than prices named below.

1140 **Gladiolus, Addison.** Dark amaranth, with white stripes 10
1141 **—Brenchleyensis.** Bright scarlet, a fine old variety 06
1142 **—Ceres.** Pure white, spotted with bright rose 08
1143 **—Isaac Buchanan,** A very fine yellow 08
1144 **—John Bull.** White, slightly tinged with sulphur 08
1145 **—Mad Monnerett.** Delicate rose, shaded white 05
1146 **—Fatma.** White ground, striped with rosy salmon 10
1147 **—Octoroon.** A beautiful salmon pink, very distinct 08
1148 **—Reine Blanche.** Pure white with a carmine blotch 08
1149 **—May.** Pure white, flaked with rosy crimson 08
1150 **—Pepita.** Golden yellow, tipped with carmine 10
1151 **—Napoleon III.** Bright scarlet, with a line of white on each petal 16

EXTRA CHOICE NAMED VARIETIES

1152 **Gladiolus, African.** Stately brown on scarlet ground, streaked with scarlet and white. Per doz., $1.50 15
1153 **—Calypso.** Flesh colored rose, streaked and blotched carmine. Per doz., $1 10
1154 **—Conquete.** Bright cherry red, with pure white blotch on upper petals. Doz., $1.50 15
1155 **—Dr. Hogg.** Mauve, suffused with rose centre, pure white. Per doz., $1.50 15
1156 **—Duchess of Edinburgh.** Purplish rose, carmine stripe on lower petals. Doz. $1 10
1157 **—Lord Byron.** Brilliant scarlet with distinct white blotch. Per doz., $1.10 12
1158 **—Ethel.** White ground, pencilled with crimson. Per doz., $1.25 12
1159 **—Sunshine.** A clear canary yellow, very fine. Per doz., $1.50 15
1160 **—Snow White.** The very best White Gladiolus in cultivation. Per doz., $2 20
1161 **—Thalia.** White flamed and streaked with scarlet. Per doz., $1.50 15

SPECIAL OFFER.—The set of 10 Choice Named Varieties, as above, for only $1, or any part of the set at printed prices.



GLADIOLUS CHILDSI

BE SURE TO ADD A FEW GROFF'S HYBRID GLADIOLUS TO YOUR ORDER, THEY WILL PLEASE YOU.

JAPANESE IRIS

IRIS OR FLOWERING FLAG

1134 Iris, Japan (Iris Kæmpferi). The magnificence of these splendid new Iris surpasses description; in beauty, size of flower, richness of coloring, they are grand. The flowers are of enormous size, averaging from 6 to 8 inches across, and of indescribable and charming hues and colors, varying like watered silk in the sunlight; the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue, each flower usually representing several shades, while a golden yellow blotch surrounded by a halo of blue or violet at the base of the petals intensifies the wealth of coloring. The Japan Iris is hardy; flowers in great profusion in June and July. Attains greatest perfection if grown in a moist soil, or if plentifully supplied with water while growing and flowering. Bulbs, per doz., **$2**; each, **20c.**

1135 —Germanica. This is one of the grandest classes of Iris. Plants form dense clumps, which send up many flower stalks, each one bearing several large, beautiful flowers of various colors. No garden should be without them. They bloom early and are very sweet; mixed varieties. Per doz., **30c.**; each, **5c.**

CYCLOBOTHRA FLAVA

CYCLOBOTHRA FLAVA

1136 Cyclobothra Flava. A lovely little bulb from Mexico, producing 6-petaled cup-shaped blossoms, yellow spotted with brown, and drooping. It is closely allied to the Calochortus, but it does not succeed well for winter blooming, and should be treated like a summer-flowering bulb, planted out in the spring and taken up in the fall, and kept dry over winter. Its foliage is narrow and grass-like. While it is a pretty little flower, it is not so showy as some other bulbs, but lovely for cutting. Each, **8c.**; per doz., **75c.**

CHLIDANTHUS

1137 Chlidanthus Fragrans is indeed a "delicate flower," delicate in looks and delicious in perfume. The flowers are borne in dense clusters during the months of July and August, and are of a deep canary-yellow; quite large (often three or four inches), extremely fragrant. The name of Golden Lily, given to Glycorus Aurea, should, by right belong to this. It is one of many new bulbs received by us direct from Peru, and will no doubt prove a valuable addition to the favorites of the garden and greenhouse. Each, **10c.**; per doz., **75c.**

CINNAMON VINE

1138 Cinnamon Vine. A pretty, hardy vine, with edible roots and neat, glossy cordate foliage. In midsummer it bears clusters of tiny but exceedingly fragrant flowers, with an odor like cinnamon. A very pretty vine to train over a trellis or around a window. Each, **5c.**; 6 for **25c.**

DIELYTRA, or DICENTRA. (Bleeding Heart)

A superb plant, without which no garden is complete. The flowers are borne on long, graceful, curved stalks, hanging like rows of pendant gems, delicate rose-colored and white, with purple lips. It will endure the coldest winter without protection, and is also excellent for cut flowers in winter, forcing very readily

1139 Dielytra Spectabilis. Strong roots, specially grown for forcing, each 15

GIANT CYCLAMEN

Not only are the flowers of striking beauty, but the foliage is also highly ornamental, consequently they are very decorative even when not in bloom. Most of them are, moreover, delicately fragrant. The flowers of this magnificent strain are of extraordinary size for a Cyclamen, and of great substance. The leaves are proportionately large and beautifully marked.

1140 Cyclamen, Giganteum Roseum. Rose color.
1141 —Giganteum Rubrum. Crimson.
1142 —Giganteum Album. White.
1143 —Giganteum. Mixed varieties.

Price for any of above, **20c.** each, or **$2.00** per doz.

CYCLAMEN GIGANTEUM

GLOXINIAS

Charming greenhouse plants of dwarf habit. Flowers of the most exquisite and gorgeous colors are produced in greatest profusion. They are often 3 to 4 in. across, and many of them are magnificently spotted, mottled and blended. Under the commonest culture they bloom continuously for months, and by starting at intervals a succession of splendid flowers may be had nearly the whole year round.

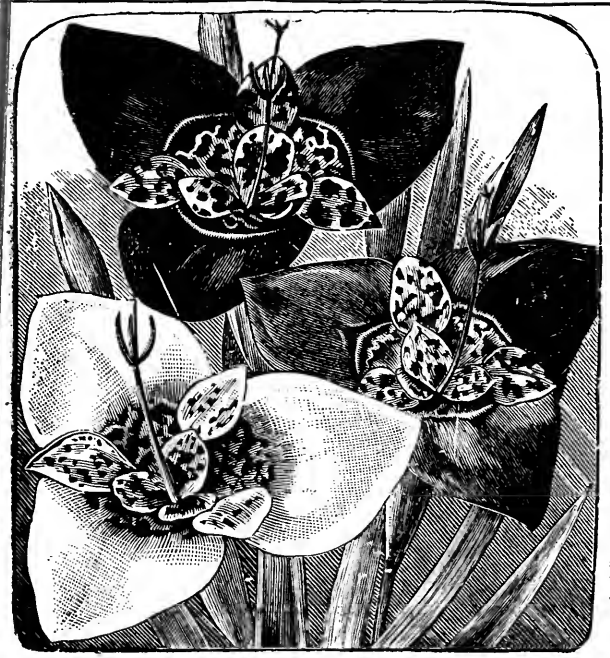
1144 Gloxinia, in separate colors, crimson, spotted, white, blue, and blue with white throat. 2 for **25c.**; each, **15c.**

GLOXINIAS

MILLA BIFLORA

(Mexican Star or Frost Flower)

1145 Milla Biflora. A beautiful Mexican summer-blooming bulb. Flowers star-shaped, two inches across, clear waxy white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. Place a stalk in water and the flowers will all open; we have seen 11 stalks shoot up successively from one bulb. The bulbs flower profusely and with great certainty. Height, 12 to 18 ins. For an effective display, groups of 12 to 25 or more should be planted about 6 inches apart in a sunny bed. *(See cut).* Each, **8c.**; per doz., **75c.**



TIGRIDIAS

TIGRIDIAS

PEACOCK TIGER FLOWER, OR MEXICAN SHELL FLOWER.

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted; blooms freely throughout the summer, particularly if the bulbs are planted in a warm, sunny position.

1148 **Tigridia Conchiflora,** Mexican Shell Flower. Dark yellow, large red spots; 5c. each; per doz., 50c.

1149 **Tigridia Grandiflora,** Peacock Tiger Flower. Very large, bright crimson centre, mottled with yellow; 5c. each; per doz., 50c. each.

1150 **Tigridia Grandiflora Alba.** The White Tiger Flower. Flowers large ivory white, spotted at base with red on a yellowish ground, contrasting finely with the white of the petals. (*See cut*). 10c. each; per doz., 90c.

GAY QUEEN

(OR QUEEN LILY)

1151 **Gay Queen.** So called on account of the beauty of the flowers. This is a most desirable bulb called Phædrassa, which bears large umbels of showy flowers of a variety of colors. We have three sorts, viz.: purplish rose, tipped with green; scarlet, yellow and green; green and yellow flowers; Fine Bulbs. 15c. each; 3 for 40c.

HYACINTHUS CANDICANS (GIANT SUMMER HYACINTH)

1152 **Hyacinthus Candicans.** This plant somewhat resembles the Yucca, although not so large. It grows up a flower stem about 4 feet high, on which it bears from 13 to 20 pure white bell-shaped flowers. They are very gracefully hung, forming an almost perfect pyramid. Give them a trial. 8c. each. Per doz., 75c.

MADEIRA VINE

1153 **Madeira Vine.** A popular climbing tuberous-rooted plant, sometimes known as "climbing Mignonette." It is a rapid grower with thick dark green glossy leaves and graceful feathery racemes of fragrant white flowers in great abundance. Being easy to grow and such a beautiful vine and flower, it is deservedly a general favorite. The roots will not endure severe freezing; they should be taken up in autumn and kept over winter in a cellar, requiring no more care than potatoes. Per doz., 30c.; 3 for 10c.

COOPERIA DRUMMONDI (THE GIANT FAIRY LILY)

1154 **Cooperia Drummondi.** It is a member of the Amaryllis family, and should be planted in the spring, either in open ground, or in pots (they do as well one way as the other), where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. The foliage is quite long, and of peculiar lavender green color. In the fall the bulbs should be lifted and kept dry over winter, like Gladiolus It is one of the easiest of all bulbs to grow, absolutely sure to bloom freely, and the beautiful, pure, fairy-like blossoms are ever lovely. Strong bulbs, ready for immediate use. Doz., 50c.; each, 5c.

VARIEGATED GLADWIN

1155 **Variegated Gladwin.** A hardy ornamental plant. Its leaves resemble those of the Pandanus, being variegated with white and green stripes. The flowers are of a pleasing blue, and freely produced; and that is not all, for they are succeeded by large capsules, which burst open when ripe and expose a number of bright red seeds. (*See cut*). Each, 30c.

DOUBLE PÆONIES

CHINESE PÆONIES

The old-fashioned Pæony has long been an inhabitant of our gardens. They are among the hardiest flowers we have, and are admired for their large and gay flowers, which are produced in the early summer. While many beautiful sorts have been offered in our Catalogue, we have this season imported, direct from the most celebrated grower in the world, the finest collection obtainable in any list, including new and rare flowering sorts, and many unique and gorgeous double varieties in various shades of colors and markings, and some with very delicious fragrance. The best season for planting Pæonies is the spring; they will succeed in any ground unless so wet that the water will lie on the surface; but to obtain the greatest size of bloom and strongest growth, the soil should be well enriched.

SELECT NAMED VARIETIES

1156 **Pæony, Anemonæflora.** Crimson, Very free flowering; one of the best.
1157 **—Artimesia.** Large bold flowers, guard petals deep blush; centre, fawn and blush; a great favorite.
1158 **—Lady Bramwell.** Light purplish rose, delicate lilac shading; very large and double.
1159 **—Louis Van Houlte.** Rich purple lake; a noble variety; extra full and free.
1160 **—Striata Specosia.** White, diffused with yellow and rose; novel.
1161 **—Tenuifolia Latifolia.** Deep rose, edged pink.
1162 **—Virgens.** White, lightly tinged with yellow in the centre.
1163 **—Whitlegia.** Sometimes slightly tipped with carmine, then passing into pure white; a strong grower, with beautiful broad foliage; early to flower; the very best white for cutting.

The above named varieties, each, 20c., or set of 8 for $1.50.

NEWEST VARIETIES OF DOUBLE PÆONIES

1164 **Pæony, Beante de Francaise.** Delicate pink, tipped with blush white, each, 65c.
1165 **—Candidissima.** Double white, very large and full, each, 40c.
1166 **—Fragrans.** Bright rose, very fragrant, each, 65c.
1167 **—Globosa.** Clear silvery rose, centre white, shaded fawn, of immense size, each, 75c.
1168 **—Lilacina Superba.** Rosy lilac, changing to creamy lilac, very novel, each, 75c.
1169 **—Officinalis Carnescens.** Clear pink, changing to white; very early, each, 50c.
1170 **—Tenuifolia Plena.** A distinct plant, with elegant divided fennel-like foliage and large full double flowers of a deep rich crimson; dwarf, compact grower, early bloomer, distinct in character from any other variety, each, 75c.

Set of above 7 varieties for $4.00 (post-paid).

EXCELSIOR DWARF "PEARL" TUBEROSE

1172 This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well known to need any description. It delights in a strong, rich, deep, well-drained warm soil; manure, heat and water are essential to its perfect development. This variety, which we introduced and named, grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camelia; deliciously fragrant. (*See cut.*) Extra size bulbs, 5c. each, 35c. per doz., $2.00 per 100.

TUBEROSE "ALBINO"

EARLY-FLOWERING BRANCHING

1173 A single white Tuberose. The flower spikes are very large and evenly filled; flowers in July and August, throwing from two to five flower stems from a single bulb, and these again are often branched. The petals recurve gracefully, which adds greatly to the size of the individual flower; it is entirely free from the brown tint common to the old sort on the back of the petals, being of the purest waxy white, making it most valuable for cut flowers. When first seen, it might be said to resemble a Stephanotis, or some species of Jessamine as much as a Tuberose, both in appearance and fragrance, for the odor is less heavy than that of the ordinary Tuberose. 5c. each, 50c. per doz.

TUBEROSE "SILVER LEAF"

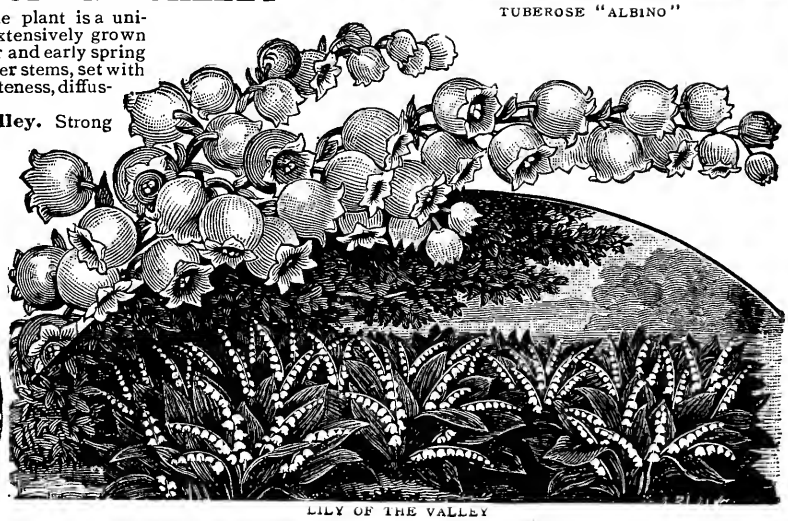
1174 Showy and effective, even when not in bloom, the foliage being distinctly striped, white and green. Each bulb frequently throws up two or more spikes, 3 to 4 feet high, each bearing from 25 to 40 pure white, waxy flowers, much like an orange flower or Stephanotis, with a delicate and enchanting perfume. They flower several weeks earlier than double Tuberoses, and the bulbs bloom year after year. 5c. each, 50c. per doz.

TUBEROSE "ALBINO"

LILY OF THE VALLEY

This beautiful little plant is a universal favorite. It is extensively grown for forcing in the winter and early spring months, producing tender stems, set with tiny bells of snowy whiteness, diffusing a delicate odor.

1175 **Lily of the Valley.** Strong imported clumps; contain a number of large, strong crowns or pips. Each, 25c.



LILY OF THE VALLEY

SAUROMATUM SIMLENSE (Snake Lily)

1176 **Sauromatum Simlense.** A most wonderful bulb, bearing a remarkable flower 30 ins. in length, the inside of which is of a peculiar golden color, profusely spotted with rich purple and brown blotches, while the back is of a metallic brown, and the spadix, 15 in. long, is a frosty, purplish brown. The foliage is also highly ornamental, and fine palm-like leaves, 3 to 4 ft. high and wide, being produced in succession. The leaf-stalk is beautifully mottled with black markings. The flowers are produced from January until June, almost immediately after planting. Plant in pots or in the garden 6 in. deep; give plenty of water. This is a bulb that we can highly recommend; it's easy growth, luxuriant foliage and curious flowers make it very attractive. Large blooming size bulbs, each, 25c

SNAKE LILY

MONTBRETIA CROCOSMIFLORA

1177 This is one of the most floriferous and showy of summer flowering plants. Planted 6 in. apart in a group in a sunny position and allowed to remain undisturbed, they produce in great numbers graceful spikes bearing from 18 to 30 showy star-shaped flowers of orange suffused with red. They flower freely the first season. 3 for 10c.; per doz., 35c.

MONTBRETIA

SPIDER LILY

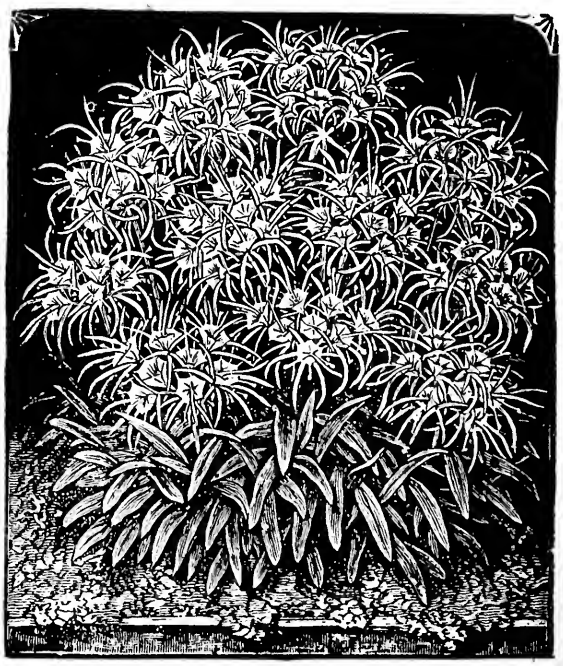
(Japanese Pink)

1178 **Spider Lily, "Japanese Pink."** Our native white Spider Lily (Pancratium Carribœum) pleased everyone so well (after we brought it into notice) that the Japanese pink and salmon varieties cannot fail to create another sensation. Moreover, if planted in a warm, light position, they will prove perfectly hardy, with some protection. They vary in color from pinkish salmon to pink, vermilion and scarlet, the petals being beautifully undulated, and by artificial light sparkling like jewels. They bloom from September until November, and should be ordered as early as possible. Large bulbs of blooming size, 3 for 50c.; each, 20c.

SPIDER LILY

"WHITE"

1179 **Spider Lily, "White."** A bulb of easiest culture, which freely produces clusters of large white flowers of delightful fragrance. They may be grown in pots, in good rich soil, and will bloom well in the house or conservatory. When planted out in summer they must be taken up in the fall, potted, and little or no water given until the next season, when the bulb will have increased in size, and will bloom more abundantly. It is in every respect a lovely and charming flower Large bulbs for immediate blooming, 3 for 50c.; each, 20c.



SPIDER LILY

OUR ROSES

Are all grown at our establishment in Toronto, on their own roots, from cuttings, in pots, under glass in ordinary soil, and at a natural temperature of 50 to 75 degrees, with no stimulating fertilizers or forced heat to accelerate their growth. They are strong, healthy plants, kept from blooming, and with any fair treatment on the part of the planter are sure to grow and soon come into bloom. We cannot guarantee that any Roses or plants we send out cannot be killed by drouth, insects, accidents or frost after they are planted; we do however guarantee that they reach their destination in good growing condition; if they do not we must be informed by mail immediately on arrival and will replace them at once. When delivered in good order our responsibility ends. Plants which cannot be sent by mail will be delivered to express company in good order; we do not assume further risk. Customers must not expect all varieties to be of same size; some sorts, under the same conditions, make much stronger and larger growth than others, but very often the weaker grown produce the most beautiful flowers. We aim to please our customers, and while it is possible that some varieties may become exhausted before end of season, we reserve the privilege to send some other variety equal, or better, to take the place. We do not anticipate this necessity, but wish it understood in event of such.

HOW TO CULTIVATE ROSES.—As the cultivation of Roses may not be understood by many, a few hints as to their care may not be amiss. Select, if possible, a sheltered, sunny location, but away from heavy shrubbery or trees. Any good, loamy garden soil will grow Roses, but must be well fertilized with thoroughly decomposed stable manure; if this is not convenient, fine ground bone or other commercial fertilizers may be used, but such must be applied with judgment, for if used too freely the plants may be injured. Manure may be applied late in the fall, in spring or midsummer. If in the fall, as a surface dressing, which will serve as a partial protection for winter; if in spring or summer it will be beneficial as a mulch. After the ground has been prepared, manured and made mellow, make holes in the soil about 12 inches apart; set the plants a little deeper than formerly, arrange the roots in their natural position, cover with fine earth, pressing it firmly down upon them and around the stem, then water freely. When the weather is hot and the ground dry, give water at intervals as found necessary. Cover the plants with old newspapers through the heat of the day. When planting notice that the soil is not too wet, which will cause it to bake and harden, and possibly cause injury to the plants. Should the weather or ground be extremely wet when receiving your plants, they may be placed in the cellar; unpack and set them upright to allow air to circulate through them and water freely. They may thus be kept safely for several days. Should they have a withered appearance, caused by long distance or delay on the way, soak them for an hour or so in luke-warm water before planting. Keep the soil loose and free about the plants and free from weeds. Keep them free from insects, which may be easily done by the use of tobacco, whale-oil soap, or other insecticides.

WINTER PROTECTION.—In warm latitudes there is little danger from frost, but in our northern climate winter protection is necessary with most Roses, and will amply repay the slight trouble; this may be done with leaves, hay, straw, light manure, pine or cedar boughs, corn stalks or anything of such description, but do not cover your clumps or beds until winter has fairly set in; if covered too early they are in danger of sweating and injury; be careful to use dry material for covering, and to admit of free air about the plants. Hardy perpetual and Moss Roses usually need no protection; we would, however, recommend a light covering where our winters are severe. Half Hardy Hybrids must have protection in northern latitudes and throughout Canada. As most plants are grown in a warm temperature, they should not be exposed to extreme cold. We do not send them out until weather has become settled for spring gardening, and which will be in good time, but if they are required at an earlier date they will be sent entirely at the risk of the buyer for safe delivery.

4 GRAND TEA ROSES FOR 50c.

BRIDESMAID—No. 2

This splendid new rose is a sport from the well-known and highly-valued Catharine Mermet, which it closely resembles in size and beauty of form, but is thought to be superior to it, and is much brighter and deeper in color. The flowers are very large and of fine, regular, full form, delightfully tea scented; color, clear rose-pink, with delicate crimson shadings; a free and constant bloomer and a good healthy grower. Each, 15c.

LADY DOROTHEA—No. 4

A new and beautiful Tea Rose, which will be valuable alike for forcing under glass for winter flowers and outdoor bedding in summer. The color is a deep saffron with very rich shades of orange and chrome yellow in the centre, surpassing in vividness of contrast the famous "Sunset" Rose. The flowers are large, full and double to the centre, strong "Tea" fragrance. Each, 15c.

THE BRIDE—No. 1 (A Sweet Rose)

A superb pure white Tea Rose, one of the best of its color; the buds and flowers are unually large, finely formed, very double and full, and deliciously perfumed; it is a strong healthy grower and a quick and constant bloomer; does well in open ground and is particularly valuable for growing in greenhouse for cut flowers, as it produces abundantly and its blooms are of the most desirable form and quality for floral work, bouquets, wreaths, etc. There are many White Roses, but none more satisfactory than this lovely variety. Each, 15c.

SOUVENIR DE WOOTTEN—No. 3

Bright magenta red, passing at base to fine violet crimson, richly shaded; flowers are large, full and regular, with thick leathery petals and delicious tea scent; makes beautiful buds, and is recommended both for open ground and conservatory; an immense bloomer. Each, 15c.

We will mail the above four Grand Roses (post-paid) to any address in Canada for 50c.

TEA ROSES.

The following group includes some of the finest varieties in cultivation, but are too tender to remain in the ground over winter. They may be planted in open ground during summer, but require house protection through the winter, where they will grow and bloom. For conservatory purposes none are finer.

Tea Roses, Catherine Mermet. Bright flesh color, changing to silvery pink, with long, large buds; flowers very large, full, and of beautiful form. Decidedly one of the finest Tea Roses; it is grown and forced very extensively. Each, 15c.

—**Madame Hoste.** One of the finest; strong bush grower; flower of ivory white, of even tint, except in summer, when it changes to canary; fine globular-pointed shaped bud. Each, 15c.

—**Maman Cochet.** A Rose of French origin which holds a prominent place among the highest grade ever-blooming Roses, both for summer and winter flowering. Very free-blooming, flowers of splendid substance and a delightful shade of deep pink. Each, 15c.

—**Marechal Neil.** We offer a fine stock of this superb climbing Rose; for fragrance, beauty and size is still without a rival; bright golden yellow. Large plants, 50c.

—**Meteor.** Showing the peculiar velvety richness of the best dark Hybrid Perpetuals, and blooms as freely as any Tea. Very double and perfect; a rich, glowing crimson, never tinged with magenta or dull purple in hot weather. A grand bedding Rose. Each, 15c.

—**Niphetos.** An elegant Rose, very large and double, deliciously sweet; color, pure snow white, sometimes faintly tinged with pale lemon. Each, 15c.

—**Perle des Jardines.** No Rose of its color is more valuable than this. Tens of thousands of it are grown in the vicinity of New York for winter flowering; it is equally valuable for summer, as it flowers continuously. Its color is of a rich shade of yellow, large size and perfect form. Tea fragrance, a healthy, free grower, and unequalled in bloom. Each, 15c.

—**Sunset.** This grand Rose is a rich golden amber or old gold, elegantly shaded with dark, ruddy crimson, resembling the beautiful tints seen in a summer sunset; the flowers and buds are extra large, full, finely formed and deliciously perfumed. It is a strong and vigorous grower and free bloomer, highly recommended for open ground and house culture. Each, 15c.

—**Clara Watson.** Large, very fragrant, fine form; salmon pink, blended, with blush pink at outer edge of petals, shading to yellow at centre. A strong grower, profuse bloomer. Each, 15c.

SPECIAL OFFER.—The set of 5, our selection, for 60c.

HYBRID TEA ROSES

Half-Hardy Ever-Blooming

QUEEN'S SCARLET

We have divided the list of Hybrid Tea Roses into two classes for convenience of those buying. The preceding list, being tender, are unsuitable for leaving outside during winter. The following varieties are semi-hardy, and by adopting some of the methods suggested under the head of "Cultural Directions" as to winter protection, a beautiful display may be had from early summer until autumn. They are of delightful fragrance and of exquisite delicacy of colors, and may be used as forcing varieties under glass.

ALL STRONG, HEALTHY PLANTS, MAILING SIZE

Rose, American Beauty. In "American Beauty" we have a hardy rose of the largest size, having the ever-blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose, consequently equally valuable for winter or summer flowering. Each, **15c.**

—**Belle Siebrecht.** The color is of the peculiar deep rose which has made "American Beauty" famous, but much deeper and yet brighter, and with a wonderful glow, and shading to brighter pink when exposed to the fullest light. Unlike "Beauty," its only tint of purple is when it is first cut, when the tinge of a reddish violet adds brilliancy; as it fades the tint becomes a lighter and brighter pink. Each, **15c.**; strong 2 year old plants, each, **25c.**

—**Gloire de Dijon.** One of the best greenhouse climbing roses in existence; in color it is very rich creamy amber and very double. It will stand outside in some localities with protection. Price, large plants, each, **30c.**

—**Golden Gate.** Of American origin, and one that seems to be admirably adapted to the needs of our climate. The flowers are large, very full and finely formed, and of excellent substance; the bulbs are long and of a most desirable form; the color is rich creamy white, beautifully tinged with fine golden yellow; the petals are large and broad, and exquisitely bordered and tinted with clear rose, making altogether a rose of rare beauty. Price, each, **15c.**; strong 2 yr. old plants, ea., **25c.**

—**Kaiserina Augusta Victoria.** Pure ivory white; a flower of grand build, from the very first bud formed till the rose drops its petals. This elegant variety can be had in first-class style and great purity of color throughout the year. A splendid grower, and with most beautiful foliage. Has proved one of the very best forcing roses. Each, **15c.**

—**Pres. Carnot.** A lovely color: outer petals white, centre delicate flesh pink—the effect of the entire flower as it opens being about the shade of a *Daybreak* Carnation. Flowers are of the largest size and of the highest quality, and are also delightfully fragrant. It is a strong, vigororous grower, and a very free bloomer, producing large quantities of the finest shaped buds on long, stiff stems. At its best the same seasons as *Kaiserina Augusta Victoria.* It is also one of the finest ever-blooming roses that has ever been introduced for garden cultivation. Ea. **15c.**

KAISERINA AUGUSTA VICTORIA

—**The Queen.** The Queen is a large, pure white, free-blooming Tea Rose, the offspring of that fine old rose, the Souv. d'un Amie, whose many good qualities it possesses to a remarkable degree; it is a continuous bloomer, producing successive crops of buds and flowers in great profusion; the buds are beautifully formed, with large petals of best substance; shows the centre but slightly when fully open; color, pure snowy white; exquisitely scented; a vigorous and healthy grower. Each, **15c.**

—**White Bougere.** A free bloomer; clean, healthy grower; blooms of great substance, pure white; good stiff stems. It has been very largely grown in this vicinity and has proved to be one of the very best white roses ever introduced. Certificate of Merit, Toronto Show. Each, **15c.**; strong 2-year old plants, ea., **25c.**

SPECIAL OFFER—One each of above 8 varieties for $1, post-paid

QUEEN'S SCARLET ROSE

Unequalled for pot culture and for bedding out. The blooms are of good size, very double and of deep crimson in color and velvety in texture. Its constant and continuous bloom and splendid depth of color render it well worthy of a place among the best, and it is so striking and brilliant in effect when grown in pots, that it is bound to become very popular. Price, each, **20c.**

CLOTHILDE SOUPERT

POLYANTHA

or FAIRY ROSE

Beautiful free-flowering miniature roses, admirably adapted to pot or window culture, and planted out they flower continually the whole season. The flowers are quite small, borne in large clusters, each cluster making a bouquet by itself. They are quite hardy, requiring but slight protection even in the north. An extra class for cemetery planting.

Rose, Clothilde Soupert. The color is a French white, deepening to rosy blush in the centre. Its greatest value lies in its compact, vigorous habit and wonderful profusion of bloom, even the smallest plants being literally covered with flowers. The form and substance of the flowers are so perfect that the hottest weather does not cause a deterioration of either, so that even in midsummer a bouquet of splendid buds and open flowers can be obtained from this fine variety. Each, **15c.**

—**George Pernet.** One of the best; color is bright rose with faint touches of yellow, changing to peach blow, with silvery white shading. The plant forms a perfect round bush, making a beautiful specimen plant when well grown. Each, **15c.**

—**Marie Payie.** Medium size, very full and double, borne in large clusters and masses; excellent for cutting, color rich creamy white, finely flushed with carmine rose; delightfully perfumed, very pretty and bright. Each, **15c.**

—**Parquerette.** Flowers pure white, about an inch in diameter, flowering in clusters of from five to thirty blooms; very full, prettily formed, recalling blossoms of the double-flowering cherry, and fully equals the double white Primrose in profuse bloom during the winter. It has a peculiarly delicious perfume that is exquisite. Each, **15c.**

—**Perle D'Or.** Charming and very distinct; color coppery gold, changing to fawn and salmon; flat-rayed; very double and elegantly perfumed, constant and profuse bloomer. Ea., **15c**

—**Pink Soupert.** New; produces full double flowers of various shades of pink, sometimes tinted red, shading to lilac; flowers somewhat flattened delightfully tea-scented; profuse bloomer, and equally well adapted to the open ground or as a pot plant. Each, **15c.**

SPECIAL OFFER—We will send one each (6) of these beautiful Fairy Roses for 75 cents

Our RAINBOW MIXTURE of Tall Nasturtiums is Exceptionally Fine; Try some.

OUR "QUEEN CITY" COLLECTION OF HARDY ROSES $1.25

HARDY HYBRID PERPETUAL ROSES

The Hybrid Perpetuals are considered the most valuable of Roses. They are chiefly distinguished for their luxuriant foliage, large prodigious bloom, vigorous growth, and for being entirely hardy. Their robust habit of growth makes them suitable for outdoor culture only, in which situation they will thrive with very little care, but are improved by liberal manuring and by cutting out dead and unhealthy wood. As a class they do not bloom until thoroughly established, usually the second year after planting. Their flowers are highly fragrant and of all the colors known to the Rose.

The following are strong and healthy 2-year old Plants:

Rose, Alfred Colomb. Justly celebrated as one of the very finest; extra large round flowers, very double and full; color, clear cherry red, passing to bright rich crimson; very fragrant. Each, 2-year, **30c.**

—**Anna de Diesbach** (Glory of Paris). Brilliant crimson, sometimes shaded with bright maroon, long, pointed buds, and large finely formed, compact flowers, full and sweet; a very free bloomer. Each, 2-year, **30c.**

—**Chas. Lefebre.** A beautifully formed rose, with large, full, heavy petals; color rich crimson, with dark shadings; a very fine variety. Each, 2-year, **30c.**

—**Coquette des Blanches** (No. 5). Sometimes called Ball of Snow. A finely formed pure white Rose; occasionally shows light flesh when opening; beautiful shell-shaped petals, evenly arranged. Flowers of good size, perfect and of fine form and finish. One of the finest, freest and most beautiful of the white hybrids. Very suitable for cemetery planting. Each, 2-year, extra strong, **30c.**

JOHN HOPPER

—**Duchess of Edinburgh** Brilliant scarlet crimson, shaded maroon; very fine. Each, 2-year old, **30c.**

—**Duke of Connaught.** Rich, velvety crimson, with intense fiery flush. Each, 2-year, **30c.**

—**General Jacqueminot** (No. 3). Color, bright crimson, exceedingly rich and velvety; the buds and partially expanded flowers are very fine, and fairly glow with deep rich coloring; a vigorous grower and free bloomer; grown extensively, and should be in every collection; known almost everywhere. Each, 2-year, **30c.**

—**Gloire de Margottin.** Noted for its remarkably brilliant color; one of the very finest. The flowers are very large and of regular symmetrical form, somewhat globular, very full and deliciously scented; the color is a clear dazzling red, certainly one of the most brilliant Roses ever seen; highly recommended for its great beauty and wonderful color. Each, 2-year, **30c.**

—**John Hopper.** One of the most reliable and satisfactory Hybrid Perpetual Roses; flowers are large, very regular and full; color, brilliant rose, changing to bright glowing pink, shaded with rich crimson; very sweet and remarkably profuse bloomer. Each, 2-year, **30c.**

—**Mrs. John Laing** (No. 1). Color, a soft delicate pink, with a satin tinge; the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped and exceedingly fragrant. A vigorous, strong grower, every shoot producing magnificent bloom. Flowers very early, and is a remarkably profuse bloomer and very sweet. Splendid in pots or open ground. Each, 2-year, **25c.**; extra strong, **30c.**

—**Marchioness of Londonderry,** (No. 2). This is a magnificent Rose and undoubtedly one of the finest yet raised. It is certain to take a very high place in the Rose world. The flowers are of great size, perfectly formed, and carried on very stout, erect foot-stalks. Color, ivory white, petals of great substance, shell-shaped and reflexed, highly perfumed and free flowering. A most valuable addition to the white color section. The growth is vigorous, and foliage very fine, we may say mildew proof. Each, 2-year, **30c.** **New**

—**Paul Neyron** (No. 4). Flowers, 5-in. across; color, lovely dark pink. One of the best. Each, 2 year, **30c.**

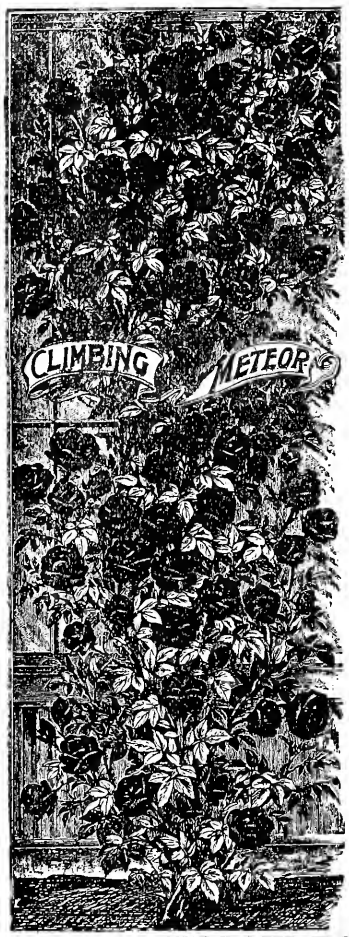
—**Prince Camille de Rohan.** One of the grandest hardy red Roses, and unapproached in color. It is best described as a blackish crimson, though that is far from giving an adequate idea of the rich velvety color. It is sometimes called "The Black Jack," because it resembles General Jacqueminot in everything but its grand deep coloring. In the bud it is darkest; as the flower exposes, vivid, smoky crimson shades are brought to light, giving it a very rich effect. Each, 2-yr., extra strong, **39c.**

—**Ulrich Bruner.** Bright red, flowers very large and full, resembling somewhat Paul Neyron; in all respects a beautiful rose. Each, 2-year, 30c.

Extra Strong 2-year old Roses, $3.00 per doz.

SPECIAL OFFER.—Queen City Collection, 5 Roses, as above, for $1.25.

Do not expect all Roses to be of the same size; some are stronger growers than others.



CLIMBING METEOR ROSE

A grand new velvety crimson perpetual flowering Climbing rose. Equa to Gen. Jacqueminot in deep rich color and size of flower. A color never before heard of in Climbing Roses. In Climbing Meteor we have a rose of strong, true climbing habit, that under favorable conditions makes shoots 12 to 15 feet long in a single season. Very free flowering, producing in profusion all through the growing season its rich, dark, velvety, crimson flowers perfectly double and in size and finish equal to any of the best Hybrid perpetuals. Price, 1 year plants, each, **20c.**

THE YELLOW RAMBLER ROSE

This promises to supply that "long-felt want," a double yellow hardy climbing Rose, a thing which has been sought after the world over. It is perfectly double, very fragrant, entirely hardy, having withstood, unprotected, a prolonged temperature of from zero to two degrees below. It is related to the Crimson Rambler, and, like it, blooms in large trusses, often bearing from 120 to 150 flowers in a cluster. The flowers last three to four weeks without fading. It is a very vigorous grower, making shoots eight to ten feet in one season when well established, so that it possesses all the requisites for unbounded popularity. Two-year-old plants, **40c.** each. *(See cut.)*

HARDY CLIMBING OR PILLAR ROSES

These are well adapted for the adornment of pillars, trellises, arbors, or for covering porches or the ends of houses. In their blooming season they are fairly covered with lovely flowers, and are much valued by all discriminating planters of roses. Being perfectly hardy and of vigorous growth their successful culture offers no obstacles.

Rose, Anna Maria. This rose is a fine hardy bloomer, quite double and of medium size, very fragrant, color clear white, with centre changing to fine satiny pink.

—**Baltimore Belle.** Light blush and rose; fine and double, though of medium size; the blooms are produced in clusters, and the rapid growth is very graceful.

—**Gem of the Prairies.** Bright crimson, sometimes splashed with white; large, very double and fragrant. Exceedingly profuse, being literally covered with bloom.

—**Greville, or Seven Sisters.** Blooms in large clusters, flowers changing from pure white to crimson.

—**Tennessee Belle.** Clear rose color, flowers in large clusters; a vigorous grower and free bloomer.

2 year plants, 25c.; large plants, 3 year, 40c. (post-paid)

PERSIAN YELLOW ROSE

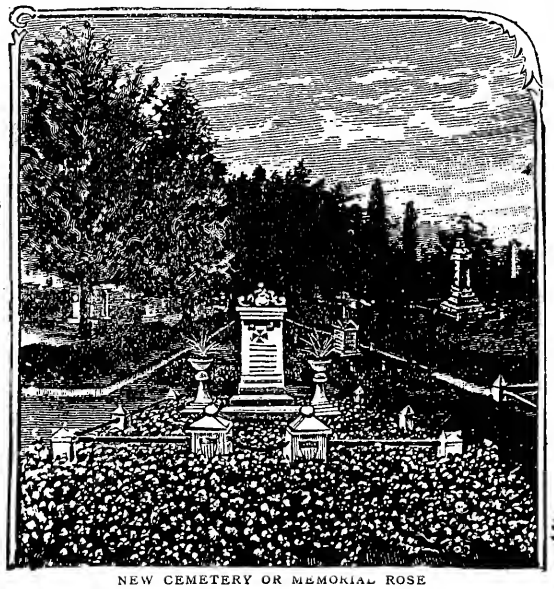
Dark golden yellow. The best variety of its color; entirely hardy. It is difficult to imagine a finer sight than this when in full bloom, covered with its bright yellow blossoms, which are borne along the ripened wood so that they appear in sprays. Each, **30c.**

PINK ROAMER ROSE

This variety shows undoubted traces of descent from the Sweet Briar, both in the color and the shape of the blossom and in its exquisite fragrance. The single flowers are over 2 in. in diameter, a bright rich pink, with a large, silvery-white centre and orange-red stamens. This variety will undoubtedly be very largely planted in parks and large private grounds. **25c.** each.

ENGLISH SWEET-BRIAR ROSE

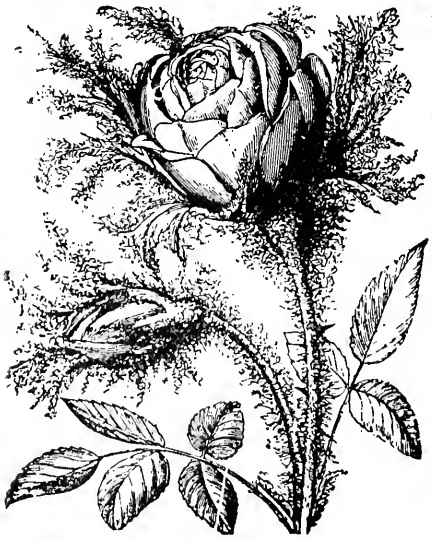
A fine old favorite; the flowers are bright pink and single. The fragrance of the flowers, leaves and young branches in the early spring frequently perfumes a whole neighborhood. 2-year plants, each, **25c.**



NEW CEMETERY OR MEMORIAL ROSE

CRIMSON RAMBLER ROSE

A hardy, ever-blooming, climbing Polyantha. It is perfectly hardy in the open ground, will grow 8 to 10 ft. in a season, is in bloom all the time from early spring till late fall, the flowers appearing in great panicles as large as a man's hat, and of a deep rich crimson color, like blood-colored velvet. The flowers when cut last two weeks in water, and fully a month on the bush, which is a perfect mass of red crimson at all times. It can be grown in various ways, as a pillar rose, a trellis rose, and for covering a wall it has no equal, and when pegged down it will form a bed of itself. Cut back it is a magnificent pot rose for the window. It is always in bloom, even when very small, and is easily trimmed to a bushy grower. Price, each, 1-year **15c.**; 2-year, **25c.**; 3-year, **50c**



MOSS ROSE

NEW CEMETERY OR MEMORIAL ROSE

Rose, "Wichuriana." This species is from Japan, and a perfect trailer, hugging the ground closely. It grows 10 to 15 ft. in a season, and is densely furnished with a dark green, glossy foliage, forming a dense blanket, always clean and perfect, with but few thorns. The flowers are single, pure snowy-white, with bright golden yellow discs and with the fragrance of the *Banksia* Roses. They are borne in clusters and in such numbers as to fairly envelop the plant. It blooms later than most roses. Peculiarly appropriate for cemetery planting. Price, each, **25c.** Large plants, **35c.**

MOSS ROSES

Strong, 2-year-old plants, 30c. each, (post-paid)

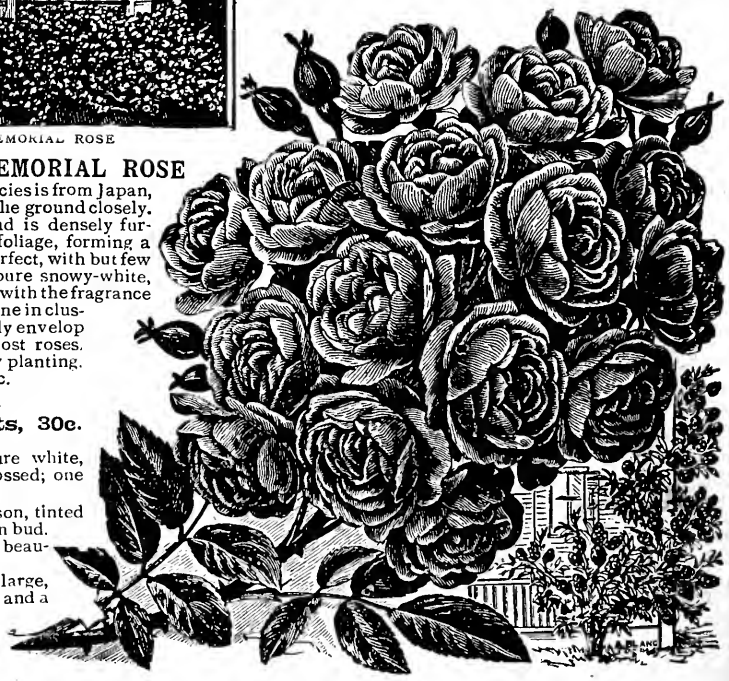
Rose, Blanche Moreau. Pure white, beautifully formed and well mossed; one of the very best.

—**Little Gem.** Bright rosy crimson, tinted purple, a handsome rose; fine in bud.

—**White Bath.** Pure white with beautiful buds, a very free bloomer.

—**James Veitch.** Bright rose, large, and full; a perpetual bloomer, and a most desirable rose.

—**Crested Moss.** Bright red, large, attractive and fragrant; should be in every collection.



CRIMSON RAMBLER

ORDER SHEET FOR BULBS, ROSES, VINES, SHRUBS AND PLANTS.

THE STEELE, BRIGGS SEED CO., Limited

TORONTO, ONT.

Please forward the following Order for amount enclosed:

To—

Your Name .....

Post Office ..... *Prov.* .....

Nearest Express Office .....

Nearest Railway Station .....

On the ..... *Railway.*

Amt. Enclosed, $ ..... *Date* *1*

RESERVED SPACE

DO NOT WRITE HERE

Reg. No. .....

Date Rec'd .....

Amt. Rec'd .....

No. of Pkgs. .....

Forw'd by .....

Date Sent .....

Cost of Car'ge .....

P'kd by .....

Ch'kd by .....

Advised by .....

FULL AMOUNT MUST ACCOMPANY EVERY ORDER, OTHERWISE VALUE OF REMITTANCE ONLY WILL BE SENT. NO GOODS SENT C.O.D. SAFE ARRIVAL GUARANTEED WHEN SENT BY MAIL, OUR RESPONSIBILITY THEN CEASES. NOTE REMARKS PAGE 1.

QUANTITY.	NAMES OF PLANTS, ETC. (Write Plainly.)	PRICE.	AMOUNT. DOL.	CTS.
	(SEE OVER) *Carried forward*			

Order Sheet for Bulbs, Plants, Seeds, Etc.

Quantity.	NAME. (Write Plainly.)	Price.	Amount. Dols.	Cts.
	Amount brought forward			

FOR REMARKS.

We guarantee safe arrival of all Plants sent by Mail.
POSTAGE PREPAID EXCEPT WHERE NOTED

READ THIS Plants that are sent by mail have but little soil left on them, and they should receive very careful treatment especially the first few days after their arrival. If they look wilted put them in luke-warm water for fifteen or twenty minutes; this will greatly revive them. Should any plants become injured on the way, we must be advised promptly, and will replace them without delay. But after they arrive in good condition our responsibility ceases, and if for want of attention, or other causes, they fail, and complaint is then made, we cannot replace them.

ABUTILON

The Abutilons are often called Flowering Maples. They are well adapted for greenhouse or house culture; of vigorous growth, clean foliage, and give a profusion of beautiful pendulous bloom.

Abutilon, Eclipse. An excellent plant for baskets or vases, of trailing habit, with large foliage beautifully marked with deep green and yellow. Flowers bright yellow with crimson throat. Each 15c.

—**Enfanta Eulalie.** A superb new sort, remarkable for its great blooming propensity, coming into flower when only a few inches high and continuing throughout the summer and winter. A splendid variety also for house culture. The flowers are large and cupped, of an exquisite soft, satiny pink. Each, 15c.

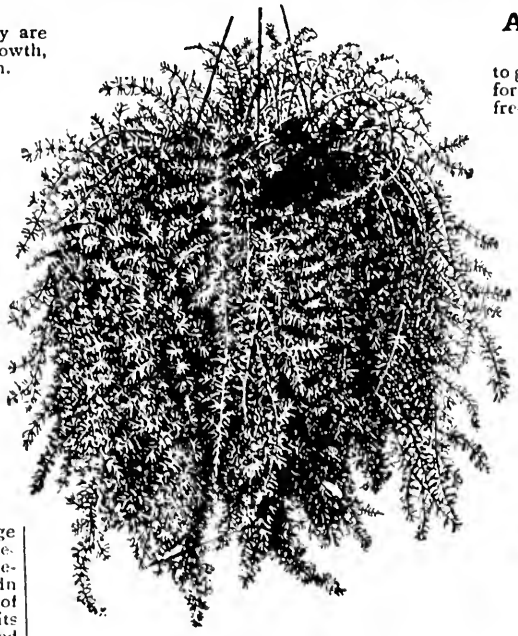
—**Golden Fleece** (Golden Bell). Far eclipsing all others of its kind and color. The habit of the plant is perfect, and the flowers, which are of a rich golden yellow, are produced in great profusion. Each, 15c.

—**Thompsonii Plena.** The first double flowering Abutilon in existence, perfect double, like a miniature hollyhock; color, a deep orange, shaded and streaked with crimson. Each, 15c.

—**Souvenir De Bonn.** A very distinct and striking new plant with large bright green leaves, distinctly edged with a pure white band. The plant is of strong, robust growth and forms fine specimens in a very short time. The long stemmed flowers are bright orange, veined with crimson, and stand well out beyond the foliage, producing a very pleasant effect. Each, 15c.

—**Savitzi.** This is one of the most beautiful variegated foliage plants, both for the house and outdoors. It somewhat resembles Souvenir de Bonn, but is superior to this, the variegation being pure white, the white predominating, and in some cases the leaves are almost entirely white. It is of dwarf, compact growth, it thrives well outdoors, retains its variegation in the hottest sun. It is most admirably adapted as a border for Cannas, Geraniums, and other taller growing kinds. We have tried it the past summer and found it most satisfactory. Each, 15c.

Special Offer.—One each of the six varieties for 75c.



ASPARAGUS SPRENGERI

COBEA SCANDENS

Elegant rapid-growing climbers, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc.; flowers are large and bell-shaped. 15c. each; 2 for 25c.

ARAUCARIA EXCELSA

NORFOLK ISLAND PINE

Araucaria Excelsa. Various names have been suggested for this grand plant to properly convey to the mind the appearance of it. Some have called it the "Christmas Tree Palm" from its resemblance to a Christmas tree; others have called it the "Star Palm," because the leaves are arranged to form a perfect star, but no descriptive name can give any adequate idea of its beauty. It has deep green, feathery foliage, arranged in whorls, rising one above the other at regular distances; its symmetry of form, grace and beauty of foliage are unequaled in the vegetable kingdom. It is easily grown in the house and is highly ornamental. 4 in. pots, 6 to 8 in. high, $1; 5 in. pots, 12 to 15 in. high, $1.50.

—**Excelsa Glauca.** Similar to the above except the color of foliage, which is of a beautiful bluish color. 6 in. pots, 15 in. high, $2.00 each.

—**Robusta Compacta.** Differing from the excelsa in its more robust habit and compact growth; color deep rich green. 5 in. pots, 12 in. high, $1.75 each.

ASPARAGUS SPRENGERI

A most desirable new species, especially useful to grow as a pot plant for decorative purposes or for planting in suspended baskets; the fronds are frequently 4 feet long, are of a rich shade of green and most useful for cutting, retaining their freshness after being cut for weeks. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. No introduction of recent years has made such a favorable impression as this graceful Asparagus. We have a large stock of it and offer good strong plants at 25c.

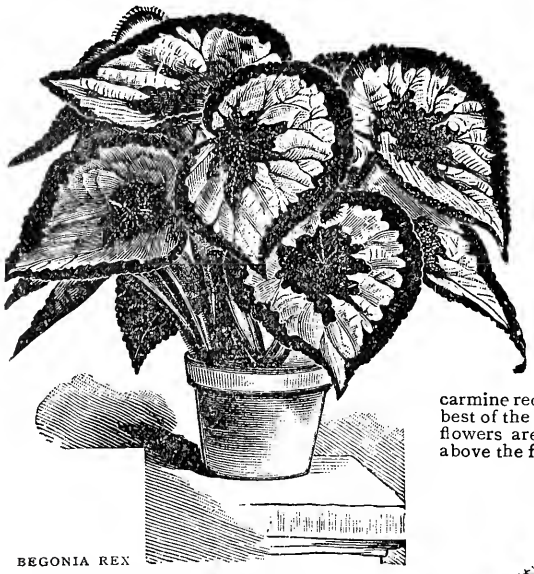
ASPARAGUS

Plumosus Nanus. This graceful climbing Asparagus has to a great extent taken the place of the once popular Smilax in all fine decorations. It possesses the advantages of being much more graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright, cheerful green. It is an excellent house plant, succeeding under almost any conditions. 25c each.

ARAUCARIA EXCELSA

.. BEGONIAS ..

We know of no class of plants better adapted to amateur cultivation than these. The beauty of their foliage, combined with their graceful flowers and free-blooming qualities, tends to make them one of the most desirable class of plants grown. They require an average of 70 degrees to bring them to perfection. As pot plants for summer or winter decoration they have but few equals.



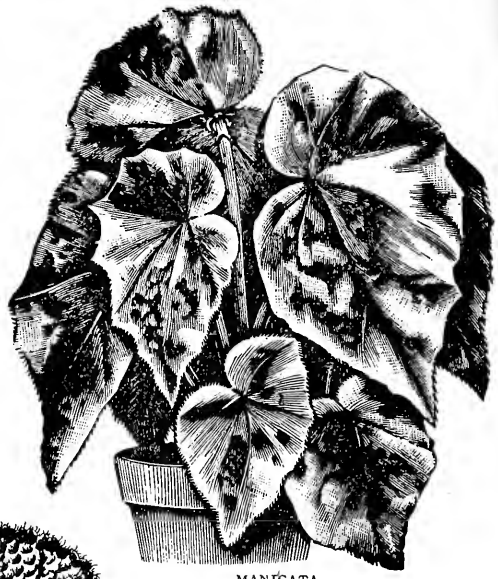
BEGONIA REX

MANICATA

Large glossy leaves, beautifully blotched with creamy white, with carmine etchings in the mature leaves. Flowers, delicate blush white on long stems. It is easily grown, and is one of the finest ornamental foliage plants for the house imaginable. Price, 25c. each.

SEMPERFLORENS GIGANTEA

The flowers of this new sort are a brilliant carmine red, and are borne in large panicles. It is one of the best of the new Begonias, and possesses vigorous habit. The flowers are unusually large and brilliant, and stand well above the foliage. Each, 15c.



MANICATA

WELTONIENSIS

An exceedingly fine Begonia, with small leaves of a delicate shade of green, stems and leaf stalks bright crimson, blossoms of waxy pink, produced freely in summer and autumn. Each, 15c.

BEGONIA REX

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. They are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc. 15c. each; 4 for 50c.

ARGENTEA GUTTATA

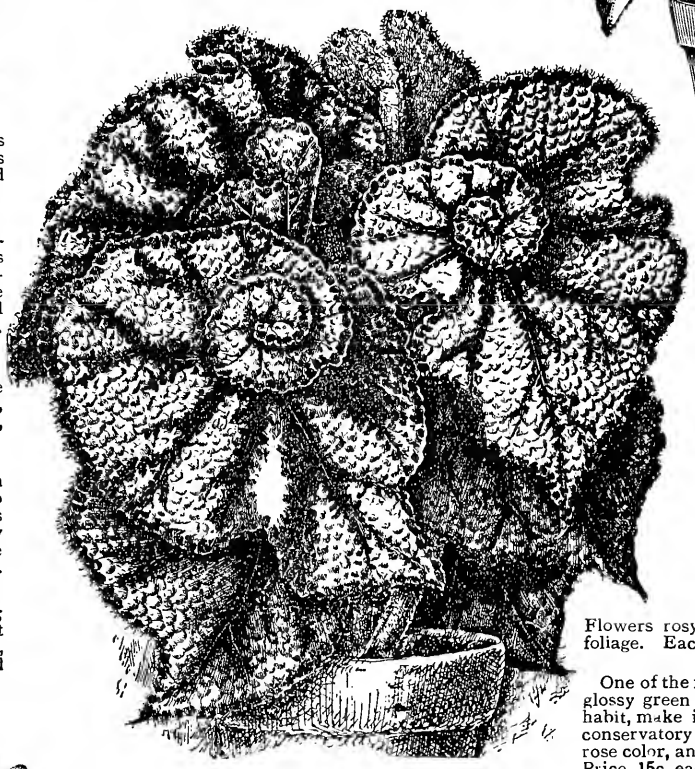
A handsome foliage variety, purple bronze leaves, oblong in shape, with silvery markings, white flowers. An excellent pot plant. Price, each, 15c.

OLBIA

A grand variety. The leaves are from seven to ten inches in diameter, and are separated into deep, sharp points. The color is varying shades of brown and red, the young leaves being very bright. It has large flowers of lemon white; one of the richest colored foliage varieties. Each, 25c.

PRESIDENT CARNOT

A strong growing variety, of stiff upright habit; foliage large, somewhat in style of B. Rubra, but more than twice as large; upper side deep green, under side purplish red; flowers beautiful coral red in large pendant panicles. Each, 15c.



BEGONIA COUNTESS LOUISE ERDODY

COUNTESS LOUISE ERDODY

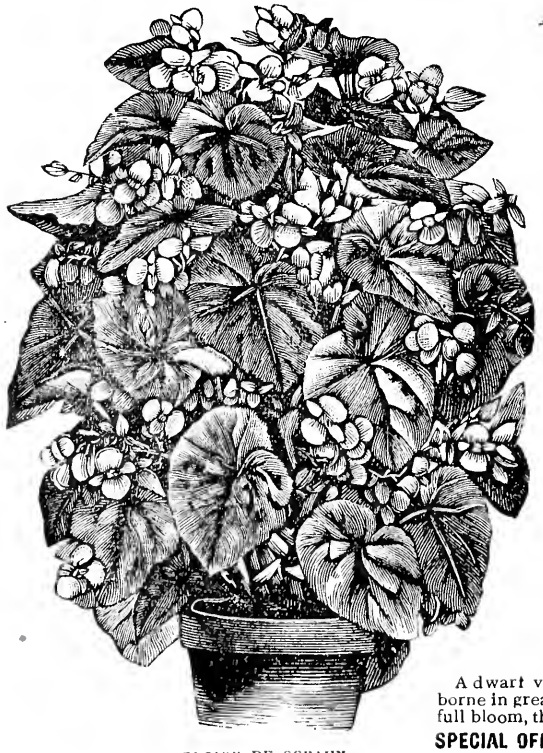
This variety is sometimes called "Snail Begonia" on account of the peculiar formation of the leaves. The form is exceedingly odd and unique. The striking peculiarity which distinguishes it from all other Begonias consists in the fact that the two lobes at the base of the leaf do not grow side by side, but one of them winds in a spiral-like way until in a full grown leaf there are four of these twists lying on top of the leaf nearly 2 inches high. The leaf has a metallic lustre, dark silvery in the centre, shading into coppery red toward the margin, which is broadly and evenly edged with the same hue, but darker and more brilliant. An exceedingly curious and interesting variety. 20c. each.

THURSTONI

A beautiful stately plant with remarkably handsome, glossy foliage. The under side of the leaves is a rich, purplish red, the veinings very prominent, while the face, or upper side, is a bronzy green, shaded with crimson and olive, with a peculiar glossy metallic lustre over all. Flowers rosy white in large clusters, well above the foliage. Each, 15c.

RUBRA

One of the finest Begonias in cultivation. Its dark, glossy green leaves, combined with its free-flowering habit, make it one of the very best plants for home or conservatory decoration. The flowers are a scarlet-rose color, and are produced in the greatest profusion. Price 15c. each. (*See cut*).



GLOIRE DE SCEAUX

MARGUERITE

Leaves bronzy green, somewhat resembling Metallica, covered with large trusses of light rose colored flowers. Price, 15c. each.

GLOIRE DE SCEAUX

Is of upright habit, producing during the entire winter, large, open-flat flowers, of a soft, silky pink. 15c. each.

ALBA PICTA

Leaves glossy green, thickly spotted with silvery white. Flowers white. An excellent sort. Price, 15c. each.

ERFORDIA

We can recommend this variety as being one of the very best. It grows in symmetrical, compact form, with shining green foliage, while it is continually covered with clusters of rosy salmon flowers. Most prolific bloomer. Each, 15c.

GOLIATH

This magnificent Begonia is of the Semperflorens type, with immense luxurious leaves and large apple-blossom flowers, is of French origin and considered to be one of the very best of this type. It is a very free bloomer and easily grown. Price, each, 25c.

BOUQUET PARFECT

A dwarf variety of French origin with small white flowers borne in greatest profusion. It is a most beautiful sight when in full bloom, the plant being literally covered with blossoms. 15 ea.

SPECIAL OFFER—ONE EACH OF THE 5 ILLUSTRATED VARIETIES FOR 75C. BY MAIL (POST-PAID).

MARGUERITE

BRUGMANSIA ARBOREA

BRUGMANSIA

Brugmansia Arborea, often called "Wedding Bells" and "Angel's Trumpet." This is one of the easiest to grow, and best hard wooded plants for pot culture. It forms a pretty bushy plant, and grows to several feet in height; when two or three feet high it is a marvel of beauty, being literally covered with large pendulous blooms, of a rich creamy white color and of long trumpet shape, often measuring from 8 to 10 inches long, and 5 to 6 inches wide, and of a texture like thick fluted satin. The fragrance is delicately sweet, and the flower lasts for days in perfection, while new buds are constantly forming. It can be wintered in a cellar without water, or kept in growing condition as a winter decoration plant. Very attractive for the lawn during summer. Each, 20c.

CAREX JAPONICA VARIEGATA

This new decorative gem will find a place among palms, ferns and dracenas. Its slender green foliage edged with white, can not be equalled by any other plant. It is extremely easy to grow, will stand heated atmosphere with impunity, and can be carelessly handled without being damaged. Decidedly a plant for florists and for indoor culture, and yet it is hardy in the garden. Plants. 15c. each

DATURA CORNUCOPIA

(Horn of Plenty)

The singular form, gigantic size, striking colors and pleasant odor of the flower make this novelty most conspicuous. The plant is of a very robust habit. The stem is thick dark-brown purple, shining as if varnished. The branches are very numerous, spreading symmetrically three or four feet in every direction. The leaves are large, of a dark green color. The flowers are trumpet-shaped, measuring eight to ten inches in length and five to seven inches across the mouth, and form three distinct flowers growing each within the other, the throat and mouth of corolla a most delicate French white, beautifully contrasted and marbled with royal purple on the outside. They are produced in great abundance, a single plant giving from 200 to 300 fragrant blooms during the season under the most ordinary cultivation, followed by a large thorny seed vessel, which adds to the beauty of the plant. Each, 15c.; 2 for 25c.

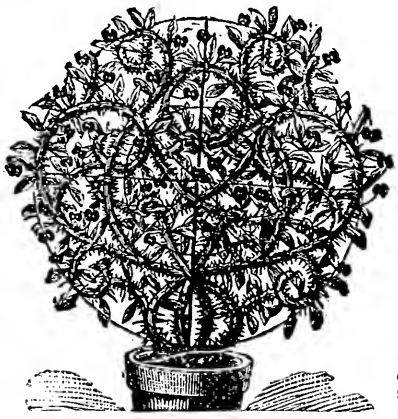
BUTTERFLY ORCHID

(Epidendrum Vernosum)

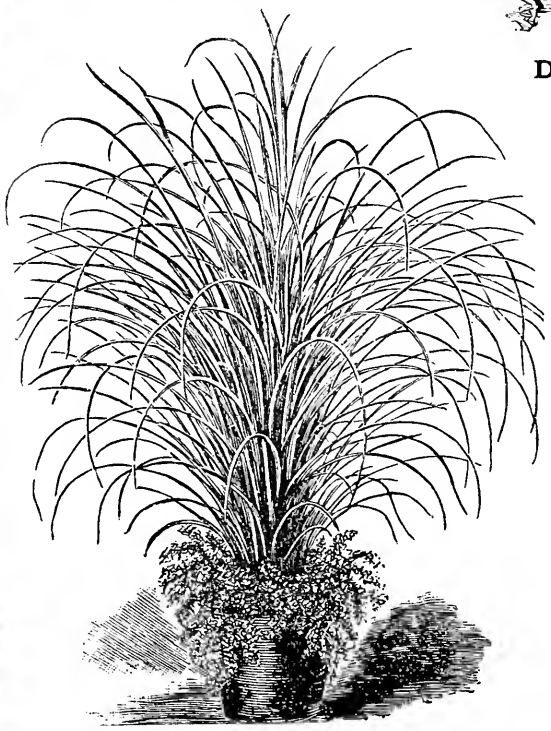
This splendid Orchid is one of the very best. All that is necessary to grow it successfully is to secure the plant and a little moss bunched around the roots to a piece of board or bark, and suspend it in a window or conservatory. Keep the moss wet and plant free from dust, and you will have a unique and beautiful object. It blooms freely, producing large panicles of gay flowers, which keep perfect a long time. The flowers are composed of several colors; delicate butterfly-like. Strong plants of blooming size, 25c. each.

AGERATUM PRINCESS PAULINE

A novel variety of dwarf compact habit, rarely exceeding 5 inches in height. Its peculiarity consists of both blue and white being combined in the same flower, the body of the flower being white while the stamens, forming an outer ring, are sky-blue, giving the flower a pretty variegated appearance; one of the most distinct new bedding plants of the year. Ea., 15c.



EUPHORBIA



CAREX JAPONICA VARIEGATA

CORDOLINE, or DRACENA

Cordoline Indivisa. One of the most useful classes of plants for decorative purposes. The narrow leaves are green and bronze; a very graceful plant for the centre of vases or hanging baskets. Each, 20c.

EUPHORBIA or THORN PLANT

Not many plants will give greater satisfaction than this, because of its easy growth and beautiful coral red flowers well set off by its clean, green foliage. Produced in abundant trusses during the entire season, and especially in winter, when flowers are scarce. The stems are not so thorny but that they can be trimmed into various graceful forms, as shown in cut. The Japanese have procured some wonderful examples in that line. Altogether it is sure to please, no matter how grown. Price, 15c. each.

CYPERUS

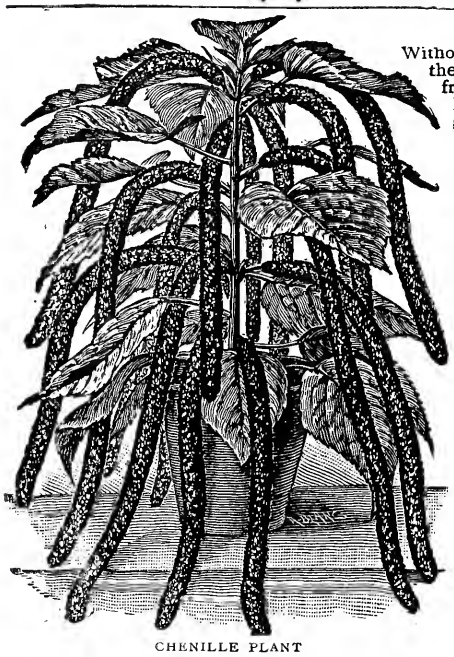
(or Umbrella Plant)

A strikingly handsome plant, suitable for house or outside, of easy culture, and sure to give you complete satisfaction. It reproduces itself from the roots, and may be sub-divided. It requires an ample supply of water, and is almost an aquatic plant. Each, 10c.

BOUGAINVILLEA GLABRA SANDERIANA

A new variety of Bougainvillea, and a plant that we feel certain will become very popular as a pot plant. We give the introducer's description: "It affords us great pleasure to offer this new and by far the most useful flowering plant known. We have grown this new Bougainvillea in a greenhouse, where it has continued flowering for seven months, small and large plants alike being covered with blossoms. Even plants in thumb pots were laden with bloom. The house in which our plants have been cultivated has been a sheet of flowers from May until December. It produces as freely as a Fuchsia its dazzling rosy crimson flowers, lasting so long in perfection, and produced in smallest pots under all conditions, in amazing profusion." Plants, each, 25c.

BOUGAINVILLEA



CHENILLE PLANT

CHENILLE PLANT (ACLYPHA SANDERI)

Without doubt the most sensational new plant introduced for many years, and one of the most striking flowering ornamental plants we have ever seen. It is of strong free growth with large dark green leaves, from each axil of which one to two feet long and nearly one inch thick rope-like spikes of velvety crimson flowers are gracefully suspended, as shown in our illustration, which conveys but a faint idea of the beauty and distinct warm coloring of this splendid acquisition; but the remarkable floriferousness and the great size of the spikes of flowers (compared to the plant), is fairly well shown.

The plant is in flower the year round and is as easily grown as a Coleus, simply requiring a warm temperature to develop its full beauty. Each, 25c.

LOTUS PELYORENSIS

Coral Gem. This charming plant is so well thought of abroad that a perminent horticultural journal color-plated it. The *Garden* says of it: "Its cylinder branching habit is most striking, and the silvery foliage even more so. Without its flowers it might also be described as a "Silvery Asparagus." But the bright coral-red flowers, measuring two inches in length, are really beautiful, greatly reminding one of a rare and beautiful Clianthus, so difficult to grow, while the gem is of the easiest possible management. Its drooping habit also makes it useful for hanging baskets. It is nearly hardy." Each, 20c.

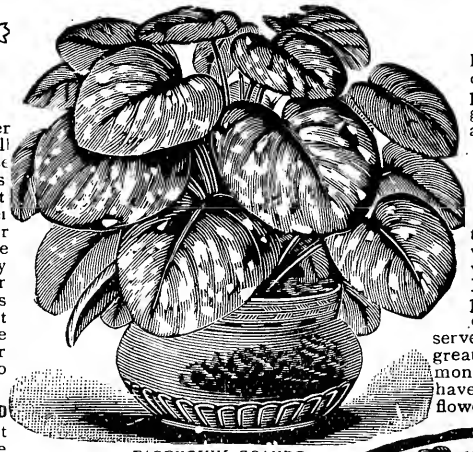
LOTUS PELYORENSIS (CORAL GEM)

FARFUGIUM GRANDE (LEOPARD PLANT).

A grand decorative plant and extra fine for shaded rooms where few variegated plants will retain their color or markings. This is as easy to grow as a Geranium. Round, thick, leathery leaves, with large yellow spots contrasting beautifully with the dark green groundwork. 25c. each.

KING CACTUS

A magnificent day bloomer. A fitting companion to the Queen. The enormous flowers are rich crimson, with a delicate purple shading towards the centre. The flowers keep perfect several days, and it is not uncommon for a good plant to have more than 50 flowers open at once. Plants, each, 25c.



FARFUGIUM GRANDE

STAPELIA CACTUS

(STAR FISH CACTUS)

Stapelia bears beautiful and very large flowers of leathery texture, buff yellow with maroon markings of wonderful construction. Astonishes with its profusion of bloom and distinct character. It grows with the greatest ease in any kind of soil, and flowers when quite small. Plants, 15c. each.

NIGHT BLOOMING CEREUS

(THE QUEEN OF NIGHT)

Decidedly the grandest flowering plant in cultivation. Imagine a dozen flowers unfolding with the setting sun their hundreds of white wax-like petals, encircled by a wreath of gold. Imagine such a flower two feet in circumference, perfuming the surrounding air with the most delicious fragrance known! Does it not deserve its royal title? It grows and blooms with the greatest ease, requiring absolutely no care, living for months without water, increasing in value yearly. We have the genuine variety, the only one with fragrant flowers 12 to 20 inches across. Plants, by mail, ea., 25c.

CHRYSANTHEMUMS

Young plants should be obtained in the spring, and may be either planted in ground or remain in the pots, by sinking the pots well below ground; in this way they will require repotting about twice during the season. As soon as the plants begin to throw up shoots pinch off the tops, and repeat this two or three times up to Aug. 1st not later, as the buds then begin to form. In September or October those planted in the open ground should be lifted and potted after copious watering the day before. The plants will soon recover the effects of lifting if kept in a sheltered, shaded place a few days. They must be fed liberally with water and liquid manure, or water and mulching with well rotted cow manure. Never let your plants wilt, nor expect large perfect flowers if grown in poor soil. To get the largest and most perfect flowers, allow only one bud, not more than two buds, to each shoot; remove all other buds as soon as or before they reach the size of small peas, but exercise care not to injure the shoots when disbudding.

THE FOLLOWING VARIETIES 10C. EA.; $1 PER DOZ., EXCEPT WHERE NOTED

We have this season grown and tested the cream of the newest varieties, and select from them the following as worthy and valuable introductions:

Chrysanthemum, Adula. Pure white and fine, bold, handsome flower, incurved, with good stem, and foliage nearly up to the flower; the very best late white we have ever tried, and a good keeper; it does not reach its best till the 25th or 30th of Nov., and can be kept in good condition till middle of December. Each, 15c.

—**Autumn Glory.** Of the pink Chrysanthemums this is easily ahead of any of the new varieties. Color is distinct—lovely pink, under electric light taking on a pretty flesh tint. Stem and foliage are excellent. This will be one of the best varieties for market, while its immense size and good color have carried it to the front as an exhibition bloom. *Use terminal bud.* Tall. Midseason to late. Ea., 15c.

—**Glory of the Pacific.** Pink, of good form, large size, with broad, finely reflex petals, showing its clear, pink color to great advantage. Comes in with Mad. F. Bergmann, just what is wanted with florists. Height, 2½ ft.

—**G. W. Childs.** Rich, velvety crimson, tipped gold, large flat flowers. 4 ft.

—**Geo. S. Kalb.** Reflexed. 2½ to 3 ft. Extra early. Terminal buds, 5 to 6 in., full centered bloom, pure white. Strong stems foliaged well up to bloom. One of the very best early whites.

—**John K. Shaw.** Ball shaped flower, incurved, fine pink. One of the very best commercial varieties; very strong grower, with good stem and foliage.

—**Ivory.** Snow white, perfect form, flowers large, incurved; very early; 2½ ft.

—**Mrs. Trenor L. Park.** Deep clear yellow, incurved, the lower petals reflexed, forming a bold, handsome flower; extra good stem, with foliage close up to flower. Each, 15c.

—**Vivian-Morel.** Deep rose, reflexed, one of the best. Each, 15c.

—**Major Bonaffonn.** Soft clear yellow; globular incurved, full centre, 3 ft.

—**Modesto.** Color intense yellow, large size, of an incurved, slightly whorled form with very high full centre, matures about Nov. 15th. 4 ft.

—**Mrs. Henry Robinson.** Purest white, immense, incurved, broad channelled petals; bloom large and globular, very early. 3 feet.

—**Mrs. H. Weeks.** An immense flower with broad claw-like petals, in-curving to form a globe of white, a few outer petals reflexing; medium height. A grand variety and sure to become a leader.

—**Philadelphia.** White, illuminated with lemon yellow, blooms large, globular, incurved and whorled; indispensable for exhibitions. 3 feet.

—**Pink Ivory.** Shell pink, incurved, large, early; florists' favourite. 2½ ft.

—**Toronto.** This splendid new variety is of Canadian origin and received a certificate of merit at Toronto Chrysanthemum Show. The color is a deep golden yellow, the blooms are of the largest size without a trace of coarseness; stem strong with good foliage right up to the flower. 2½ ft. Easy to grow and a splendid keeper. Each, 15c.

OSTRICH PLUME CHRYSANTHEMUMS

Chrysanthemum, Mrs. Alpheus Hardy. Pure white, immense, broad petalled and incurved, the surface downy, like loose-piled plush, frosted, glittering white. 15c.

—**L. Boehmer.** Color an exquisite shade of silvery pink, with deep rose on the inside of petals. These curve gracefully inward, and have the same wonderful hair-like growth on them as Mrs. Alpheus Hardy. 10c.

—**W. A. Manda.** The new golden yellow hairy Chrysanthemum; flower very large; borne upright on a stout stem. 10c.

—**Enfant des Mondes.** A magnificent white sport from L. Bœhmer, partaking of all its good qualities. Creamy white, free flowering with a perfect habit. Ea., 15c.

SPECIAL OFFER—The set of 4 Ostrich Plumes for 40c.

ENFANT DES MONDES

CARNATION "FLORA HILL"

EVER-BLOOMING CARNATION

Few other flowering plants present such an array of intense and gorgeous coloring, beauty of form and exquisite fragrance as the Carnation, and to such an extent has it been hybridized by its admirers, that the varieties have become almost innumerable. Every year many new and excellent varieties are introduced as claimants for first place; the consequence is that we must try a great many, and exercise the utmost care that those which we offer are among the most desirable, and thus save our customers, who have not the advantage of seeing them before making their selections the trouble and risk in offering a long list to choose from. We are confident that the following selection will be found entirely satisfactory; they are acknowledged by Carnation growers to be the very best; many of them are of most recent introduction. No other flower is more admired for winter-flowering in the greenhouse or window garden. They are the main dependence of the average florist for cut bloom during winter. The best way to obtain them is to get young plants in the spring and plant them out in the garden. Keep the tops of all long shoots pinched off so as to form compact plants; and nip off all buds that appear previous to the first of August; after that allow all to grow. Take up and pot the plants the first of October and remove to the house; they will soon commence to bloom and continue through the winter.

Carnation, America. Color a pure scarlet of soft even shade. The variety has been and still is in perfect health. We have never seen rust, spot nor stem rot attack it. It is a vigorous grower of medium height. The flowers are of fine size, nicely filled but not crowded with petals; has a very strong calyx and strong stem 20 to 24 inches long. It is a very early bloomer and its strongest points are its freedom and easy culture. Each, **15c.**

—**G. H. Crane.** We do not hesitate to recommend this as the coming *scarlet* Carnation. Flowers are of the very largest size, intense brilliant scarlet, showing no tendency to fade, delightfully fragrant. Stems are long and remarkably firm, holding the flowers erect. It is a strong, healthy grower, beginning to bloom very early in the season; an exceedingly free bloomer—much freer than most of the large-flowered sorts. Foliage is clean and healthy. Each, **15c.**

—**Daybreak.** Of perfect habit and a very healthy grower; every flower is borne on long individual stems, there never being more than one bud on a stem Flowers are of largest size and perfectly double. Color, clear, bright flesh tint, without shading. Each, **10c.**

—**Flora Hill.** The grandest white variety to date, and destined to be found in every greenhouse because of its easy management. The flower is of enormous size and rounded build, and wonderfully free in bloom; stems are strong enough to support the blooms nicely, and they keep stiffening as the season advances; good calyx; not subject to rust. This is, without exaggeration, as prolific a bloomer as the Carnation family affords. Each, **10c.**

—**Gold Nugget.** A really nice, clear yellow, with very little markings; good sized flowers produced on good stiff stems and very free; the plant is also very healthy and vigorous. Each, **15c.**

—**Melba.** This is a grand combination of good qualities; free bloomer, early and continuous; in point of color the finest pink carnation yet produced; large and perfect form, very fragrant; long stiff stem. Was very profitable in New York and Philadelphia markets last winter. Each, **15c.**

—**Mayor Pingree.** Color clear lemon yellow, lightly marked with pink, occasionally splashed with white. A very strong robust grower, continuous bloomer and a cropper. Blooms measure 2½ to 3 inches and over in diameter. Stems extraordinarily stiff and from 18 to 30 inches long as the season advances. Excellent keeper, very productive. Cuttings strike readily, and promises to be a splendid yellow commercial Carnation. Certificated wherever shown. Each, **15c.**

—**Ontario, New White.** Introduced by John H. Dunlop, Florist, Toronto. The plants are free from disease, clean, healthy growers, flowers of a large size. Has been awarded first prize and also certificate of merit. Each, **10c.**

—**President Garfield.** Color a deep rich scarlet crimson; ends of petals twirled in shell-like fashion. The flowers are produced in greatabundance. Each, **10c.**

—**General Gomez.** Brilliant cardinal maroon, 2½ to 2¾ inches in diameter. Strong, vigorous, very healthy habit. Flower is full and well fringed, and of a very pleasing form; good fragrance, the color is magnificent and as rich and brilliant as the Cardinal flower, without the slightest tendency to turn black; in fact, no crimson Carnation has ever come to our notice possessing such a vivid brilliant color. **15c.**

—**Portia.** A valuable addition to the list of Carnations. Flowers of a brilliant scarlet, and remarkably sweet-scented; on this account the flowers are always in great demand. Plant a strong grower of bushy habit. Each, **10c.**

—**Triumph.** This grand variety will not take rust, though surrounded by it. Color, a pure bright pink; blooms of the very largest size, on erect stems 2 to 3 feet in height; never bursts its calyx; a strong grower; a splendid keeper and traveller. Each, **10c.**

—**Victor.** Victor is considered by many expert Carnation growers the best dark pink variety. It has all the good qualities of the parent, besides being a more vigorous grower and having a longer and stronger stem. Each, **15c.**

—**White Cloud** (2). Unquestionably the finest bold handsome white we have to date, the flowers are large, well built, with good calyx and extra fine, strong stem; plant strong and very vigorous, producing flowers very freely. An A1 variety in every way. Each, **15c.**

—**Wm. Scott.** Flowers large and non-bursting, of a deep pink, a little irregular, but not to any disadvantage; it helps to overcome the sameness and stiffness which are so often objectionable in a bunch; stems long, of good strength. Each, **10c.**

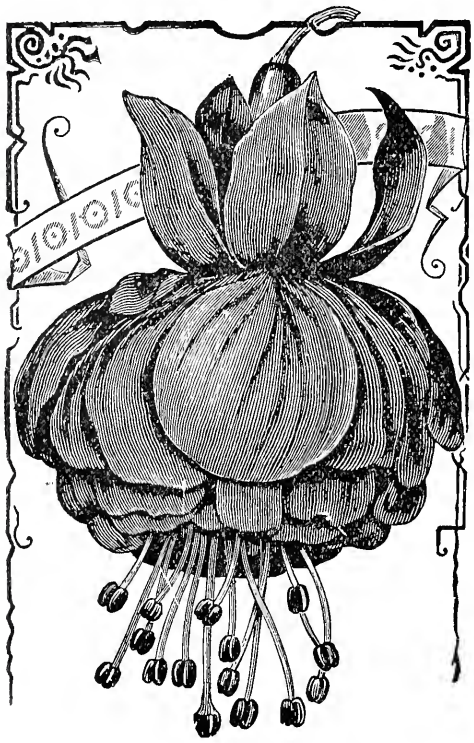
SPECIAL OFFER—6 of above, your selection, for 65c.

FICUS

FICUS OR INDIA RUBBER TREE

Ficus Elastica. The well-known India Rubber Tree, one of the very best for table or parlor decorations; its thick leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always present a cheerful aspect. Fine plants, 12 to 15 inches high, each, **50c.**; 15 to 20 inches, each, **75c.** (post-paid)

FUCHSIAS

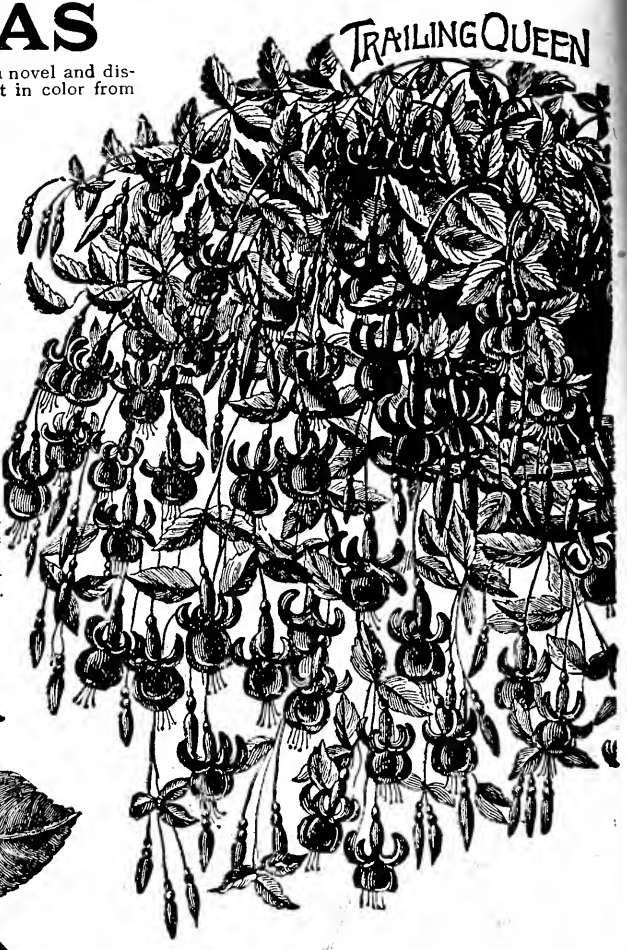


MAD. BRUANT

Fuchsia, Madam Bruant. This is a novel and distinct new Fuchsia, entirely different in color from any other variety with which we are acquainted. The flower is very large and double. A fine large rounded corolla with strongly recurved sepals as shown in our engraving. The corolla is a delicate heliotrope color, suffused with rose, slightly marked and veined with carmine; sepals deep coral red. Plant a vigorous grower and of fine graceful habit. This is a decided new color in Fuchsias, which, combined with its fine large flowers and splendid habit, will make it popular with all lovers of this beautiful class of plants. Each, **20c.**

—**Gloire des Marches.** A new distinguished French Fuchsia, which promises to be a most useful variety. It is a strong grower, of fine upright branching habit, very abundant in bloom. Corolla large, double and pure white; sepals bright red. One of the finest double white Fuchsias we have yet seen. Lovers of this most attractive flower will find it a gem. Each, **20c.**

—**Phenomenal.** A giant among Fuchsias. The largest that has ever come to our notice, a reddish crimson color; corolla very full and double, of a beautiful azure violet, flaked with red. Ea., **10c.**



—**Earl of Beaconsfield.** Vigorous growing free-flowering variety; tube and sepals light rosy carmine; corolla deep carmine. Price, each, **10c.**

—**Speciosa.** This is a genuine winter bloomer, and all who know it value it very highly for this quality. The habit of the plant is erect and compact, presenting a decidedly neat and attractive appearance as a pot plant. The flowers are four inches or more in length; the tube and sepals bright rose; corolla brilliant carmine. It blooms quite freely, plants in two-inch pots frequently producing flowers; but large, well-established plants will bloom more freely and produce larger clusters. Each, **10c.**

—**Trailing Queen.** This Fuchsia differs from all others in habit of growth. Instead of growing upward the young branches spread out toward the edge and then droop downward, continuing this way until the vines are 4 feet or more in length, and covered with handsome foliage. The flowers are borne in clusters, large, long and graceful. The corolla at first is deep violet purple, changing to crimson; buds, tubes and sepals rosy scarlet. Each, **15c.**

STORM KING

—**Storm King.** One of the numerous varieties of Double White Fuchsias sent out the past few years; this is certainly perfection. It is of strong, vigorous growth, of elegant habit. free from all disease, and produces its pure double white flowers in the greatest profusion. Each, **10c.**

GLOIRE DES MARCHES

—**Sunray.** A fine and distinct decorative Fuchsia, being by far the best with red variegated leaves; quite ornamental and beautiful. Each, **15c.**

—**Little Beauty.** A real gem; begins to bloom when only 2 or 3 in. high, and continues loaded with flowers the whole season; more than one hundred flowers and buds have been counted on a single plant at one time; the tube is bright red with purple corolla, really one of the loveliest and most fairy-like flowers ever seen. Each, **15c.**

—**Lord Macaulay.** This splendid new single variety is a very rapid grower and free bloomer, with a large expanded corolla of the deepest purple; sepals are a little lighter in color. We especially recommend this variety for house culture. Price, each, **10c.**

SPECIAL OFFER—We will mail (post paid) the above 10 varieties of Fuchsias for $1.

HOYA CARNOSA

(Wax Plant)

This is an old favorite whose popularity, instead of diminishing, seems to steadily increase. The flowers are bluish white in color, resembling wax, and are borne profusely in large umbels. Foliage is thick and fleshy, very handsome in appearance. It is a quick grower and good bloomer. For window and parlor culture in winter it is a most beautiful and valuable plant. Fine plants, **20c.**

PHENOMENAL

Plants Received in Splendid Condition, they are Superb.—R. T., Halifax, N.S.

GERANIUMS

Our list embraces many new and the most desirable old and standard varieties suitable for bedding and pot culture. Nothing is more desirable than a bed of bright Geraniums.

IVY-LEAF GERANIUMS

A splendid class of climbing or trailing Geraniums, adapted for baskets, vases rock work and trailing on trellises. They bloom with the greatest freedom during the spring and summer. The following are among the newest and best varieties in cultivation:

Geranium, P. Crozy. A grand hybrid between the Zonales and Ivies, having the foliage of the former, but very heavy in texture, while the forms of truss and florets are found only among the Ivies; the color is soft bright scarlet, with veinings of maroon; the habit is perfect, and it is a grand bedder.

—**Beauty of Castlehill.** A most beautiful variety, producing enormous flowers of a lovely soft shade of rose, with a dark blotch on the upper petals.

—**Beauty of Jersey.** Lovely scarlet, shaded purple; fine truss, one of the best

—**Gen. Championnet.** A grand scarlet, as double as a rose, and of largest size.

—**Ryecroft Surprise.** Flowers of a lovely and distinct shade of salmon rose.

—**Souv. Chas. Turner.** One of the finest of its class. The color is a deep bright pink, approaching to scarlet, the upper petals feathered maroon; quite double. This variety has been awarded numerous certificates at all the leading horticultural societies.

Each, 15c.; the set of 6 for 75c.

PELARGONIUM

Sometimes called Lady Washington Geraniums. They are well adapted for pot and greenhouse plants, but unsuitable for bedding purposes; the flowers are very large and showy, the petals of which are usually blotched and striped. Plants, each, 15c.

SINGLE VARIETIES

Geranium, Dr. Marmoteck. Massive trusses of large flowers, with lower petals of bright violet, changing to carmine at the base and marked in white; the upper petals have white extremities, marbled and laced with violet and carmine. Very beautiful. Plants, each, 15c.

—**Paul Kruger.** This is the best single geranium yet introduced. In color it is orange scarlet with chocolate veins running to the centre. It is very free-blooming and throws its immense truss well above its fine foliage. It is a splendid bedder and one of the most compact growers we have yet seen. Plants, each, 20c.

New

—**Madame Bruant.** A grand variety wholly distinct from any other in cultivation. White, veined with carmine lake, florets regularly bordered with bright solferino; the arrangement of color is exquisite, often intermingling and producing a striped effect; the trusses are large and beautifully formed; the plant is a good healthy grower and very free flowering. Everything considered, this is the most distinct and wonderfully colored variety ever sent out. Each, 20c.

—**Mrs. E. G. Hill.** A most pleasing shade of salmon, with light shading at the centre trusses, which are very large. Plants, each, 10c.

PANSY OR LADY WASHINGTON GERANIUM

TRICOLOR

Leaves finely variegated. These Geraniums are much prized for the beauty of their foliage, which is very handsome. For culture in the house or conservatory they are among the best.

Geranium, Mrs. Pollock Leaves bright bronze-red zone, belted with crimson and edged with golden yellow A beautiful variety. Plants, each, 15c.

—**Sunset.** A rich, broad, golden outer belt, the inner margin of which is overlaid with a bright carmine, and zone of flame scarlet tints. Plants, each, 15c.

—**Mme. Selleroi** (Silver Variegated). Very fine for massing or bordering. A thrifty, healthful grower, rarely reaching a height of more than 10 inches. Leaves very small, of a peculiar green, edged with pure white. Plants, each, 10c.; per dozen, 90c.

SWEET-SCENTED GERANIUMS

Our collection contains roses, variegated, nutmeg, mint, apple and other beautiful sweet-scented varieties. Plants, each, 10c.; per doz., $1.

Geranium, Mrs. Taylor. A variety of the Scented Geranium, with a rose fragrance and large deep scarlet flowers of the Hybrid Perpetual class. Combining, as it does, free flowering qualities with fragrant foliage, it is very useful for summer cut flowers, and as a pot plant it cannot be surpassed. Plants, each, 15c.

DOUBLE AND SEMI-DOUBLE

—**Ada Corette.** Dark rose pink, of fine habit, and a splendid bedder. Plants, each, 10c.

—**Countess de Harcourt.** Pure snow white, a charming bedder, stands drought to a remarkable degree. Florets large and beautifully formed; extremely free in blooming, forming a bank of white. Plants, each, 10c.

—**New Life.** The Double New Life, as may be judged from our illustration, is a much greater sensational departure in every way. The outer florets are brilliant red; in the centre of these appears another semi-double floret, pure white in color, effecting a very charming contrast, difficult to realize unless seen; and having the appearance of being produced artificially. Each, 15c.

—**Mad. Landry.** Flowers very long, in immense trusses on long, rigid stems; semi-double. Plant remarkably free in bloom, being a mass of flower until the end of the season; color, rich salmon, shaded orange, edge of petals of a brighter shade than the rest of the flower; a beautiful and distinct variety. Each, 15c.

—**Thomas Meehan.** Double, extremely large trusses and very large florets; almost circular in form; color quite new in this type, brilliant rosy pink, the base of the upper petals marked orange; a noteworthy variety. Each, 15c.

—**Mad. Turquin Noizet.** A beautiful and peculiar shade of rose, deeper at centre with shading of orange. This is entirely distinct from all other varieties, and is, in our estimation, one of the best in the list of new varieties. Each, 15c.

—**Mad. Barney.** An excellent bedding variety. Plant a robust, free grower and constant bloomer, fine large, full double flowers in large well-shaped trusses on stout foot-stalks. Color bright clear rose, very effective. Each, 15c.

—**Ville de Poitiers.** One of the finest of the Bruant class. A double scarlet, very clear and bright, blooms freely in immense trusses; single florets are of extra size and perfect in form. Each, 15c.

—**Beaute Poitvine.** Very large semi-double florets of the most beautiful and distinct form, and borne in immense trusses; free bloomer; color, brilliant salmon.

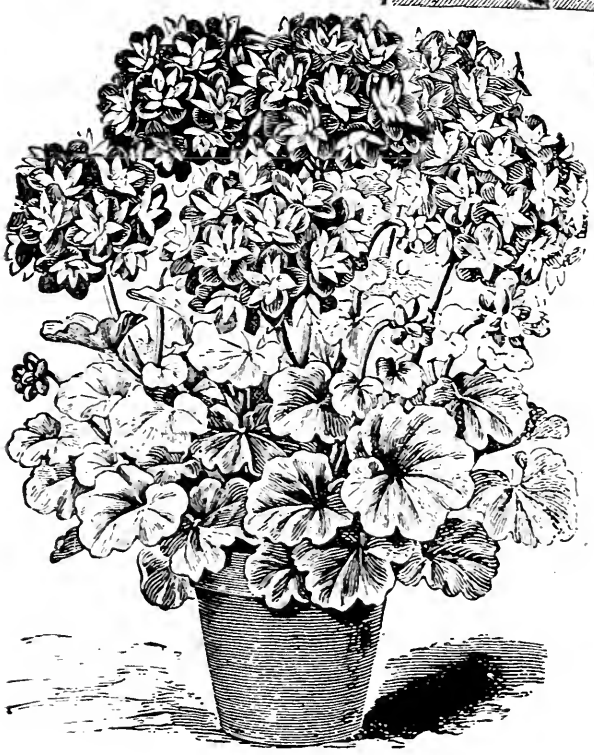
—**Mad. Jaulin,** semi-double. Blooms in large, grand trusses; florets very large with salmon pink centre, surrounded with a border of creamy white. For freshness and beauty it is unsurpassed, fine for outdoor bedding and equally good as a specimen plant.

—**General Grant.** A superb bedding variety, with very large truss and brilliant scarlet flowers.

—**Golden Dawn.** Rich orange, the nearest approach to orange yet sent out.

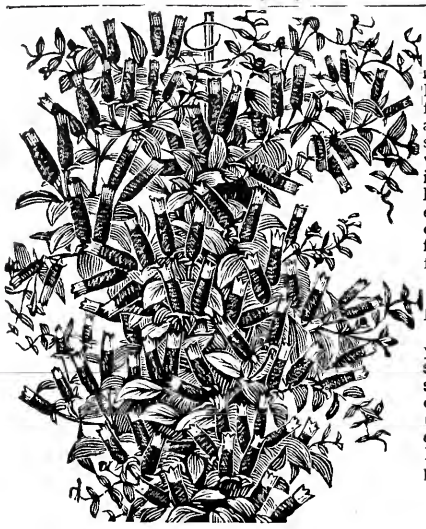
—**La Favorite.** A perfectly double pure white variety. Remarkably free flowering and a perfect ball of snow-white flowers; as a pot plant for house it is very valuable.

—**Le Cid.** Very compact but vigorous in growth. Color brilliant crimson red. Truss and flower very large. Excellent bedder.



NEW LIFE

Except where noted, each, 10c.; 6 your selection, 75c.



MANETTIA VINE

MEXICAN PRIMROSE

A charming basket or pot plant, introduced recently, and is certainly an acquisition to this class of flowering plants. It is strictly a perpetual bloomer, a good specimen showing from 10 to 20 large saucer-shaped blossoms, about 3 inches across, of a beautiful, bright clear pink color, veined with scarlet, and a white centre. The superb colors, combined with airy grace and beautiful form, go to make a flower which is, in beauty, perfection itself. The plant grows about 10 in. high, inclining to a trailing habit, holding its large silky flowers erect. As a window plant or for open ground culture it is desirable, early frosts not injuring it, and will bloom on until frozen solid within the ground, or if taken in the house in the fall will bloom all winter. Plants, 3 for **25c.**; ea., **10c.**

MANETTIA VINE

Manettia Bicolor. This beautiful vine can be grown either in the house or garden and blooms the greater part of the year. In open ground it will grow 10 feet, branching freely, showing thousands of bright blossoms. Flowers intense fiery scarlet, shading off into bright yellow tip; they are also covered with a scarlet moss of hairy substance. No plant is easier to grow, and it commences to bloom at once from the smallest cuttings, and continues to bloom most profusely at all times. It is a grand plant, and of striking beauty. Strong healthy plants already budded and blooming, 3 for **25c.**; each, **10c.**

MEXICAN PRIMROSE

JUSTICIA

Justicia Flava. Covered four months in succession with large feathery-like clusters of pure yellow flowers, surmounting dark velvety green foliage, it is a sight not soon forgotten. Those who wish a free and continuous blooming plant, and at the same time a showy and rare one, will find this an acquisition. Each, **20c.**

Justicia Velutina. Unlike the old Justicia Rosea, with its tall, lanky, straggling habit of growth, this new variety makes a dwarf, stocky, compact plant, and begins to bloom when the plant has only three or four leaves, and is never out of flowers afterwards. If pinched back occasionally it makes a very handsome plant, frequently covered with 20 to 50 large pink feathery flower-heads, which last a long time. The foliage is heavy in texture and very velvety; a splendid free-blooming plant. Each, **20c.**

MEXICAN PEPEROMIA

A new Mexican plant. It is a lovely trailer, to be used as one would use the old "Wandering Jew." It makes an attractive trailing or creeping vine, as its leaves are exceedingly beautiful, being a dark velvety greenish black, freely blotched with silver. It is very beautiful for any position where a trailing plant can be used. Each, **15c.**

HYDRANGEA

HYDRANGEA

Beautiful blooming plant, adapted to rather shady location. The large clusters of flowers resemble the Snowball, only much larger.

Hydrangea, Otaksa Monstrosa. One of the most valuable plants that has been introduced in years and cannot fail to become very popular as a decorative plant. The trusses of flowers are of enormous size even on quite small plants. Color intense deep rose. Plant a strong free grower and remarkably free in bloom. A valuable addition to our list of plants for Easter decoration. Also makes elegant specimen plants for porch or lawn, being a mass of bloom the whole season. Plants, mailing size, each, **15c.**

—Thomas Hogg. This is one of the finest varieties grown. The flowers are produced in large heads of white, shading to pink. It is hardy through the South, or can be cultivated as a tub plant. It certainly has no equal for show or attractiveness. Plants, mailing size, ea., **15c.**

—Paniculata. *(See Hardy Shrubs).*

JESSAMINES

Jessamine, Grandiflorum (Catalonian Jessamine). One of the most desirable. The plant is of shrubby, half-climbing habit, with very delicate foliage, and its small, star-shaped, fragrant flowers are produced all the year round. Each, **15c.**

—Revolutum. A strong climbing plant with glossy leaves and single deep yellow, fragrant blossoms. A beautiful plant and easily grown. Each, **15c.**

NEW DWARF JUSTICIA VELUTINA

MOONFLOWER

A very rapid growing vine, which will easily cover a surface of 25 by 40 ft. during the season. At night and during dull days the plants are covered with an abundance of pure white fragrant flowers, 3 to 4 in. in diameter. One of the most showy of the annual climbers. Each, **15c.**

GREVILLEA ROBUSTA

(Australian Silk Oak)

This is a most beautiful plant with delicate fern-like foliage, and forms a most attractive specimen for any decorative uses. It is of noble habit and has large divided leaves. It will resist drought to a remarkable degree, and is therefore well adapted to heat and dust of living rooms. Each, **15c.**

STEELE, BRIGGS' DOUBLE FRINGED PETUNIAS

(See Back Page of cover)

We devote much effort to the cultivation of the Double Petunia; we spare no pains or expense to obtain the best results, and as a consequence we succeed annually in raising a succession of fine varieties, which were the admiration of thousands of people who visited our Trial grounds the past summer. They are all beautifully fringed and exhibit every shade and marking found in Double Petunias. Each, **15c.**; **$1.25** per doz.

JESSAMINE GRANDIFLORUM

LATANIA BORBONICA

PALMS and other DECORATIVE PLANTS. . . .

A few Palms and other decorative plants are most useful and ornamental in the window or parlor; they are very hardy, easily managed, and will repay the small cost. No class of plant is in greater demand, and that our customers at a distance may obtain them, we will send any of the sizes under 20 inches high by mail, post-paid; those of 20 inches and upwards are too large for mailing; they can be sent only by express, purchaser paying carriage. We carry a large supply at all seasons of the year.

KENTIA BELMOREANA

This is sometimes called the Curly Palm, and is recognized as among the best for all purposes, being capable of standing more ill usage perhaps than any other. The leaves have a tendency to curl as the plants grow older, hence its popular title of Curly Palm. Price, small plants, each, **25c.**; 12 to 15 ins., **75c.**, by mail post-paid; 20 to 24 ins., **$1.75**; 40 to 48 ins., **$3.50**, by express at purchaser's expense.

KENTIA BELMOREANA

SEAFORTHIA ELEGANS

Well-known the world over for its feathery grace. One of the most elegant and useful species for conservatory or greenhouse. The fronds of old plants are from 6 to 10 feet long, dark green, perfectly smooth, and composed of many narrow pinnæ. Large plants, $1 each; by express at purchaser's expense.

LATANIA BORBONICA

A very desirable species, one of the handsomest and most useful in the genus. It is of free and rapid growth, resisting dust and gas well, and showing its characteristic habit at an early age. Leaves very broad and beautiful; leaflets much recurved. Price, 6-in. pots, **75c.**; large plants, **$1.25**, by express at purchaser's expense.

PANDANUS UTILIS

A grand d-corative plant. Its glossy dark green foliage gracefully arranged, renders it particularly attractive. As a vase plant or single specimen in greenhouse or conservatory it cannot be surpassed. Small plants by mail, post-paid, **30c.**; large size, **60c.**

PANDANUS VEITCHII

We have an unusually fine stock of this elegant decorative plant, finely colored. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and most gracefully curved. One of the most satisfactory ornamental house plants. We have the largest and finest stock of it to be found in this country. **$1.25** each, post-paid.

ARALIA SIEBOLDII

Showy, palm-like plants that should be more generally known. Their luxuriant green foliage, variegated with white, is always beautiful, and they are equally well adapted for decorating the porch and lawn in summer or the house in winter. **$1** each, post-paid.

PANDANUS UTILIS

KENTIA FOSTERIANA

The leaf segments droop instead of curving upwards as in K. Belmoreana, which it much resembles in other fine points. Price, small plants, each, **25c.**: 18 to 20 ins., **80c.** by mail, postpaid; 20 to 24 ins., **$1.50**; 24 to 28 ins., **$1.75**, by express at purchaser's expense.

ARECA LUTESCENS

A remarkably fine decorative Palm, with long arching fronds of firm texture, and rich shining green above and below. A robust grower, soon developing into fine specimens, well furnished with leaves. Nice plants, **$1.25** each, post-paid.

COCOS WEDDELIANA

A perfect little gem; one of the most elegant and graceful little Palms that has ever been introduced. The plant is dwarf and very neat; leaves whitish green on the underside, and arching most gracefully. It is finely adapted for decorations of all sorts, and easily endures the hardships usually falling to house plants. Nice plants, **30c.** and **60c.** each, post-paid.

MUSA ENSETE

The leaves are magnificent, long, broad and massive; of a beautiful green, with a broad crimson mid-rib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub and watered sparingly. Plants, **40c.** each, post-paid.

MUSA ENSETE

CYCAS REVOLUTA

This is the so-called Sago Palm, and is sometimes called the Japanese Fern Plant. In young plants the stem is bulb-like, but develops into a stem or trunk as it grows older. The leaves, which are like Fern fronds, are remarkable for their great beauty, which is retained for years, as the leaves do not die and drop off every year. While the frond-like leaves are of most graceful appearance, they are also of a firm, strong texture, and difficult to injure. They are of a dark, deep green, and look as if varnished. It may well be termed a "family plant," as it lives to a great age, growing finer and more valuable every year. As a decorative plant, both for indoor and outdoor (in summer) use, it is without a rival, for its noble and majestic habit is most impressive; it is very hardy, its heavy glossy fronds resisting alike the gas, cold and dust. Pots should be well drained and water applied sparingly during the winter. We offer fine plants **$1** each post-paid, and specimen plants **$2** to **$4** each, by express at purchaser's expense.

CYCAS REVOLUTA

GIANT FLOWERED HELIOTROPE.

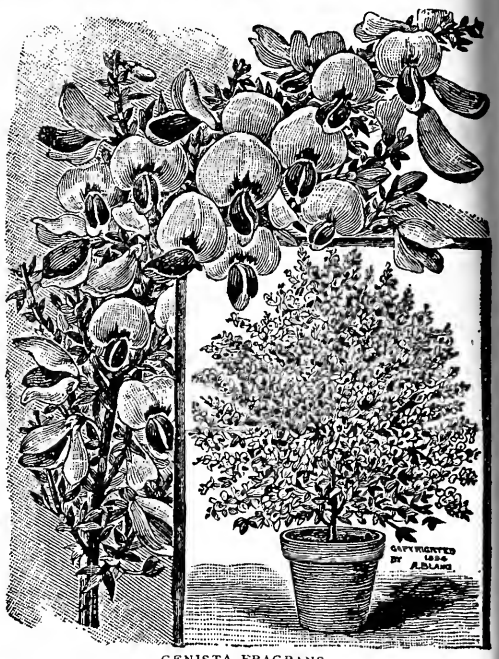
NEW GIANT FLOWERED HELIOTROPE

Efforts to improve the Heliotrope have been persistently made by experts all over the world for a number of years, and at last these efforts have been successful; realization has surpassed the most ardent expectation. One can scarcely recognize the old garden favorite in its new glorified form. The size of the foliage and its quality is doub ed; the habit of the plant is made compact and bushy instead of being scraggy and sprawling; the size of the flowers is magnified beyond belief, specimen heads measuring from 10 to 15 in. across; the color is made clearer and better. The soul of a flower is admitted to be its perfume, one head of the New Giant being equal to a whole bunch of the old sort. For the garden this new race is admirable, but for pot culture it is beyond valuation. (*See cut*). Each, 15c.

GENISTA FRAGRANS

(SHOWER OF GOLD)

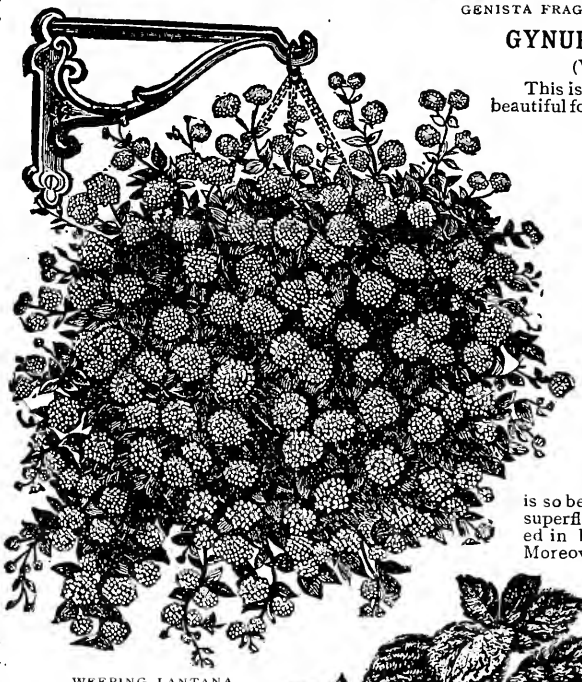
A most desirable spring flowering plant producing its fragrant, bright, golden-yellow flowers in the greatest profusion, flowering so freely as to literally cover the plant with its rich golden yellow flowers when well grown. It is grown in large quantities by florists for decorating purposes at Easter time. As a window plant of the easiest culture it is unsurpassed. Each, 20c.



GENISTA FRAGRANS

NEW WEEPING LANTANA

This is one of the most beautiful of flowering plants for baskets, vases and pots ever grown. It also grows to perfection in open ground during summer. The plant has a most graceful drooping habit, grows with wonderful rapidity and blooms persistently winter and summer, producing a cluster of flowers at each leaf. Color delicate, clear lilac-pink. Very distinct and pretty. Price, 15c. each.



WEEPING LANTANA

GYNURA AURANTIACA

(VELVET PLANT)

This is one of the rarest and most beautiful foliage plants in cultivation. Is of exceedingly robust and branching growth, yet remains dwarf and compact. The leaves and stems are entirely covered with minute hairs, shining, glistening, reflecting many delightfully new colors, such as peculiar and beautiful shades of orange, crimson, purple, blue, green—a veritable kaleidoscope. Any change of position appears to alter the color of the foliage, which appears thick and long lasting. An ordinary observer would pronounce the plants artificial, so unlike nature do they appear. In fact, it is so beautiful that flowers seem superfluous, yet they are produced in brilliant orange clusters. Moreover, where a Geranium will languish this will thrive. 25c. each.

BOSTON SWORD FERNS

(NEPHROLEPSIS EXALTATA BOSTONIENSIS)

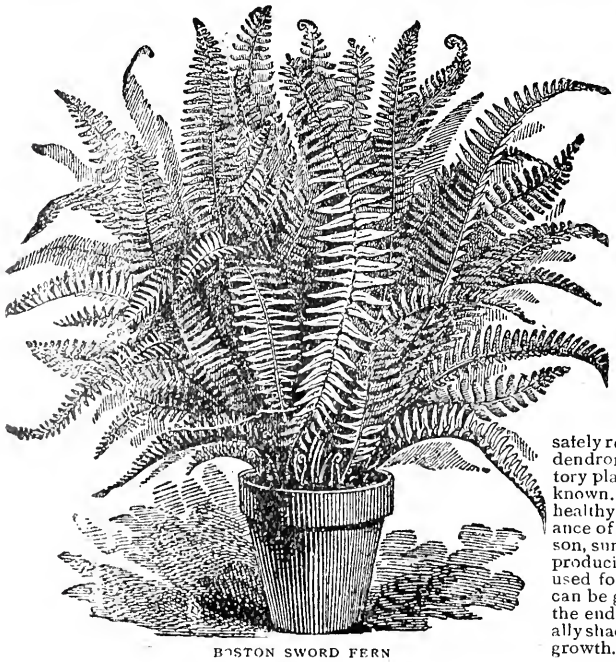
Boston Sword Fern. A variety which originated in Boston, where it has been in popular favor for a number of years under the name of Boston Fern. The fronds frequently attain a length of 4 ft., arching and drooping over very gracefully, on account of which it is called the Fountain Fern. This drooping habit makes it an excellent plant to grow as a single specimen on a table or pedestal. Each, 20c.

—**Nephrolepsis Cordata Compacta.** A beautiful dwarf compact variety of the sword fern. One of the best for house culture or window gardening. Each, 15c.

—**Nephrolepsis Exaltata.** (Sword Fern). A graceful fern, multiplying very fast in throwing out vines, on which grow several plants again. Each, 15c.

HOUSE FERNS

Our collection contains the choicest of the "Maiden-hair" varieties and best basket and vase sorts. They are of easiest culture, and nothing adds more grace and beauty to a home than a few handsome ferns. Each, 15c.; 4 for 50c.



BOSTON SWORD FERN

ENGLISH IVY

Ivy, English. Not hardy outside, but grand to decorate a room; grows well with but little light. Each, 10c.

—**Variegated Leaved.** Leaves completely and beautifully margined with white. 10c.

—**German, or Parlor Ivy.** A rapid growing kind, well adapted for covering trellis work or training in the parlor. Each, 10c.

CLERODENDRON BALFOURI

A beautiful winter-blooming vine. We can safely recommend this grand Clerodendron as one of the most satisfactory plants for window culture now known. It is a vigorous, rapid and healthy grower, and produces an abundance of blooms, which are bright crimson, surrounded by pearly-white petals, producing a striking contrast. It can be used for a fine specimen pot plant, and can be grown to fine form by cutting off the ends of the growing shoots. A partially shaded position is conducive to rapid growth. Good strong plants, 25c. each.

GYNURA AURANTIACA (VELVET PLANT)

OTAHEITE ORANGE

A very beautiful pot plant, with glossy, evergreen leaves, and producing flowers as large as the regular orange blossoms, and with the same delicate sweet fragrance, and bears a small pretty fruit resembling a miniature orange, that will remain on the little brush like balls of gold for many weeks after they are ripe. They will bloom and fruit in a two-inch pot, and if given a fair-sized pot and good care they will yield bloom and fruit the greater part of the year. As a window plant they are unique and we know of no other that is more attractive; its delicate leafy sprays of bloom are indescribably dainty and fragrant. It is as easily managed as an ordinary geranium. Plants, **25c.**

STROBILANTHES DYERIANUS

It forms a compact bush, 18 inches high, with leaves 6 to 9 inches long, 3 or 4 inches wide, and of the most intense metallic purple color, shading into light rose with a light green margin, a combination unapproached by any other plant; it easily surpasses a Coleus or Begonia for a novel effect. The flowers are a lovely violet blue, very beautiful. It has created a veritable sensation wherever exhibited. Price, each, **15c.**; 2 for **25c.** (*See cut.*)

STROBILANTHES DYERIANUS

NYMPHÆA ODORATA

The well-known fragrant pond lily. Its pure lovely white flowers, so common in some locations, are worthy of a place among the choicest varieties where cultivated. All Nymphæs of this type are useful for naturalization. Each, **15c.**

PARROT FEATHER

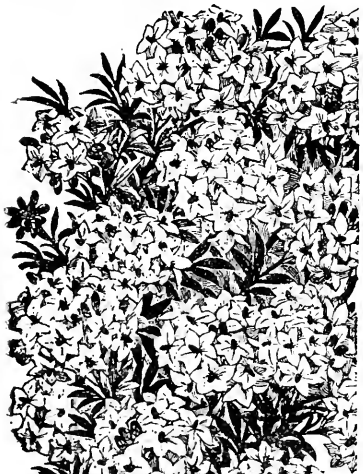
SWAINSONIA GALEGIFOLIA

A most desirable ever-blooming plant, flowers produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. As a decorative plant for the window or conservatory we know nothing that will give as much satisfaction as the Swainsonia. Its easy culture, growing in almost any light position, its freedom of bloom, rarely ever being out of bloom, and the grace and beauty of the flower, and entire plant, will undoubtedly make this one of the most popular plants in cultivation.

Swainsonia, White. Large milky white flowers, exquisite; each, **20c.**

—Rose (new). Fine dark rose, white blotch on wings; a superb variety; each, **20c.**

SPECIAL OFFER—One each of above 2 Varieties for 35c.



SWAINSONIA

WATER HYACINTH

One of the most remarkably curious and beautiful plants we have ever grown. Instead of growing in soil it floats in the water, which it is enabled to do by means of its curiously inflated leaf stalks, which resemble bladders or balloons filled with air. A large mass of feathery blue roots grow downwards, their ends entering the soil. It forms a lovely rosette of curious shining green leaves, and throws up spikes of the most exquisite flowers imaginable, resembling in form a spike of Hyacinth bloom. Color, a beautiful soft lilac rose, sparkling as if covered with diamond dust. Can be grown in the open air in summer and in the window in the winter, in anything which will hold water. Each, **15c.**

PARROT'S FEATHER

(MYRIOPHYLLUM PROSERPINACOIDES)

An aquatic hanging plant is a novelty indeed, and we have it to perfection in this dainty little jewel. Its long trailing stems are clothed with whorls of the most exquisite foliage as finely cut as the leaves of the Cyprus Vine and much more delicate. Planted in a water-tight hanging-basket, so water can be kept standing on the surface of the soil, it will trail down over the sides in a most charming manner. In a tank or lake it prefers shallow water. Plant 3 in a pot. Each, **10c.**; 3 for **25c.** (*See cut.*)

NERIUM OLEANDER

The Oleanders are too well known to require extended description. No plant is easier to manage; the flowers possess a fragrance almost rivalling the rose, and a well-grown specimen in bloom is an object of great beauty. In the fall they can be removed to the cellar, where they will require no further attention until spring.

Oleander, Rose Splendens.

Double pink, very fragrant. A beautiful variety, producing its flowers in great abundance. Each, **25c.**

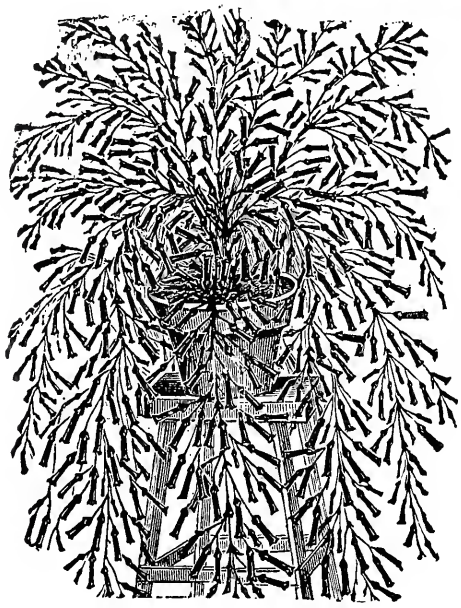
SOLANUM GRANDIFLORA

A beautiful plant that grows to the height of about 6 feet, and is covered with large clusters of fine star-shaped white flowers. It is a splendid pot plant for winter culture, and one of the best summer-blooming climbers ever introduced. It is indeed a grand sight to see this and Manettia Vine trained side by side on a trellis, mingling their beautiful blossoms. The demand for this beautiful plant has decided us to grow a large stock this season, and we have made the price exceedingly low. White flowering varieties. Each, **15c.**

SOLANUM

Wendlandi Magnificum (New). A rare and beautiful species of climbing habit, beginning to flower early in July and continuing in full bloom until cut down by a severe frost. This is one of the most highly admired plants in our trial grounds, attracting attention at once on account of the large size of its flowers, which are over two inches in diameter, and are produced in large clusters, frequently over 100 flowers being on one truss. Color a mauve-blue of a distinct and pleasing shade. **30c.** each.

NERIUM OLEANDER



RUSSELIA ELEGANTISSIMA

THE CRIMSON SPIRÆA

(SPIRÆA "ANTHONY WATERER")

Is acknowledged as the ideal florists' plant. When scarcely three inches high it begins to bloom, and thereafter is seldom out of flower. As a house plant nothing can equal it. In the garden it will make a plant 3 feet high and wide, and will be covered with heads 1 foot across of brilliant crimson flowers. Mr. Golding of the Royal Gardens, Kew, says of it: "It is one of those exceptional novelties that occur at rare intervals." Plants, each **15c.**; large plants, **25c.**

RUSSELIA ELEGANTISSIMA (New)

A very striking semi-trailing plant, especially adapted for hanging baskets, vases, or window boxes, where a delicate graceful effect is sought. Well grown plants, 3 to 4 feet in diameter, look like a shower of delicate coral red blossoms. The effect is unique and graceful. Propagates easily, and is a rapid grower as soon as established. Strikes in coleus temperature, and grows finely with geraniums or any house plant. Strong plants, **15c.** each.

RUSSELLIA JUNCEA

This plant has long, wiry, leafless stems, which grow in graceful, drooping masses, flowing like hair. On these bare stems are borne quantities of long, tubular flowers of the most vivid scarlet color, something like a Manettia bloom, but more numerous. It is a novel, beautiful plant, suitable either for beds in summer or for pot culture. In pots it blooms the entire year, especially during the winter and early spring months. The great drooping masses of bloom are like a fountain of coral, scarlet and green. It is one of the very easiest of house plants to grow, and certainly one of the most brilliant and persistent bloomers. It is a valuable addition to our standard list of best plants. Each, **15c.**

SANSEVERIA ZEALANICA

A beautiful plant, splendidly adapted for house decoration, as it stands drouth and dust with impunity. The leaves grow to a length of 3 to 4 ft., and are beautifully striped crosswise with broad, white variegations on a dark green ground. It is a rare and beautiful plant, which should be abundantly grown for positions out of the reach of sunlight, where other plants will not thrive. **Price, each, 15c.**

SMILAX

A very graceful climber, possessing the rare qualities of delicate and tolerably dense foliage and vining habit, admirably adapting it to climbing or drooping, as may be required. It is also fine as a parlor or window plant. Each, **10c.**; 6 for **50c.**

SANSEVERIA

CARYOPTERIS MASTOCANTHUS

CARYOPTERIS MASTOCANTHUS

(BLUE SPIRÆA). A handsome, half-hardy perennial plant introduced from China. It is of vigorous growth, producing flowers in great profusion the whole length of its branches, even young plants in small pots flowering freely. The color is a rich lavender or sky blue. A valuable plant either for bedding or pot culture, blooming continuously from midsummer until cut by frost in the Fall. Strong plants, each, **20c.**

VIOLETS

These popular and fragrant plants can be forced in a cool window or cold frame, but must have lots of fresh air. The single varieties flower most abundantly, but the double flowers are much larger and more showy.

Violet, The California. The flowers are single, intensely fragrant and a clear violet purple that does not fade out. They are very large, some covering a silver dollar, and borne on stems from 10 to 14 inches long, giving them unusual value as cut blooms. Each, **10c.**; 6 for **50c.**

—**Luxonne** (new). It is of the same size as the California, but appears nearly double its size, as all the petals open out flat. It has the advantage of flowering continually from early in September until April, and does not come in crops like the California. It is of a beautiful, rich, but soft violet purple color, with strong, stout stems from 9 to 12 inches long, and very fragrant. Each, **10c.**; 6 for **50c.**

—**Marie Louise.** Rich dark blue, with white eye; very double and fragrant. Each, **10c.**; 6 for **50c.**

SPECIAL.—One each of the above three varieties for 25 cents.

THE HARDY DOUBLE ENGLISH VIOLET

This violet is entirely hardy, perfectly double, a deep violet purple color, and most deliciously fragrant. It surpasses the well-known "Marie Louise" Violet in richness of color, being many shades darker, and far excels it in its delightful odor; this is one of its greatest merits. It is entirely free from disease of any kind, will bloom and grow in any garden and in any situation. Nothing is more appropriate for cemetery plots than the Hardy Double English Violet. (*See cut*). Clumps, **20c.** each, 3 for **50c.**

SMILAX

SPECIAL COLLECTIONS OF PLANTS

50c. WINDOW COLLECTION

1 **Rose, Hermosa.** Admirably adapted to pot culture.
1 **Mexican Primrose.** A charming basket or pot plant; perpetual bloomer.
1 **Sword Fern.** A splendid Fern, wonderfully adapted for house culture.
1 **Solanum Grandiflora.** A beautiful pot plant for winter culture.
1 **Geranium, La Favorite.** A perfectly double pure white flower; as a pot plant for house it is very valuable.
1 **Fern, Pteris.** A good plant for the window.
1 **Fuchsia, Speciosa.** A charming variety, and the freest flowering of all Fuchsias.
1 **Begonia, Alba Picta.** A pretty species from Brazil; distinct in character. It is shrubby in habit and of compact growth; the leaves are glossy green, freely spotted with bright, silvery white.
1 **Begonia, Vernon.** A good house plant; flowers deep red, changing to rose.

$1.00 GARDEN COLLECTION

1 **Anemone, Whirlwind.** Flowers 2½ to 3 inches across, have several rows of pure white petals.
2 **Heliopsis, Pitcherlana.** A beautiful free-flowering hardy perennial; flowers single yellow with dark centre.
2 **Gaillardia Grandiflora.** Flowers produced on long stems, and are excellent for cutting, and of the most gorgeous colors.
2 **Helianthus.** These glorious flowers hardly need description.
1 **Rudbeckia.** A vase filled with these lovely flowers is a grand sight.
2 **Achelia Alba.** A free-blooming hardy white perennial, blooming from early Spring until Fall.
2 **Perennial Phlox.** Producing a gorgeous display of bloom from midsummer until checked by frost.
2 **Delphinium.** One of the best perennials known.
2 **Dahlias.** Best show varieties. 2 **Cannas.** Mde. Crozy's best

HARDY SHRUBS AND HERBACEOUS PLANTS

By this term is meant such plants as may be allowed to remain permanently in the open ground.

HARDY SHRUBS. These are exceedingly attractive for lawns or borders, and will increase in size and beauty from year to year, some being valuable for their floriferous habits, while others are prized for their ornamental foliage. They are a source of pleasure continually.

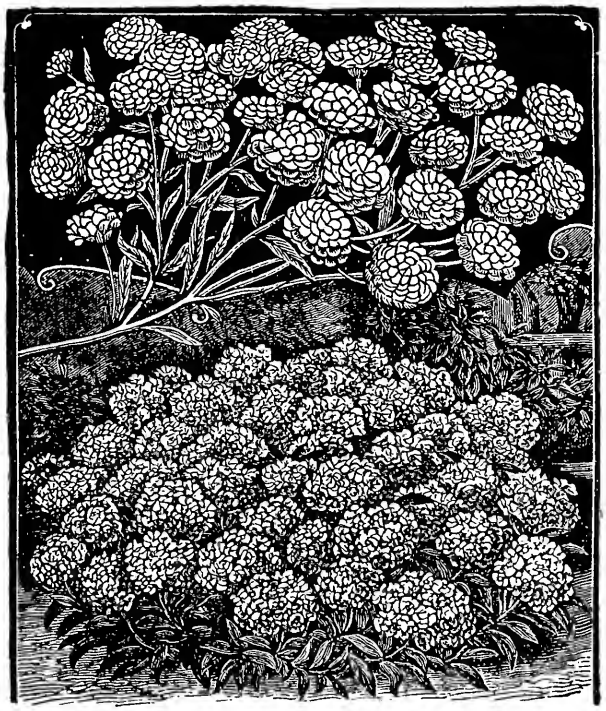
READ THIS **HERBACEOUS PLANTS** are those whose foliage dies to or near the ground each autumn, coming forth again with renewed vigor the following spring. There are yet but few who secure the best results from open air gardening, while any one with a few rods of ground may enjoy a beautiful and permanent flower garden by planting these herbaceous or perennial plants; their first cost is the only cost, as they increase in size and beauty from year to year. The varieties herein described will succeed each other and give flowers from early spring until cut down by frost in autumn, and make the garden a source of unflagging interest. With slight attention to their selections, varieties may be had for any condition of soil, wet, dry, sunny or shady—there are plants for all.

ANEMONE, "WHIRLWIND"

A new semi-double form of Anemone Japonica Alba, which is supposed to be a cross between this beautiful variety and A. Japonica Rosea. In general style and habit it is identical with the white Anemone. It is of the same strong habit of growth, and is even more free-flowering than the original type. The flowers, which are 2½ to 3 in. across, have several rows of pure white petals, and have the advantage of lasting much longer than the single varieties. We consider this a good acquisition, and cannot recommend it too highly. Clumps, each, **20c.**

ANDROMEDA

Andromeda Mariana. A beautiful flowering shrub of low growth, bearing numerous panicles of lovely drooping bell-like white blossoms in June. The flowers are of a peculiar waxy appearance, and so numerous as to almost envelop the plant. It is perfectly hardy. The leaves remain on almost the entire year, turning to a deep red after cold weather sets in, making it a valuable and desirable plant for ornamental purposes in the foreground of borders, etc. Each, **20c.**



ACHELIA ALBA, "THE PEARL"

ACHELIA ALBA

("THE PEARL")

One of the very best white flowered plants for the border. The flowers are borne in the greatest profusion the entire summer, on strong, erect stems. Pure white in color, somewhat resembling Pompon Chrysanthemums. As a summer cut bloom it is a great acquisition. Each, **10c.**; 3 for **25c.**

COREOPSIS LANCEOLATA

A beautiful hardy plant with dark lance foliage, a close compact habit of growth, and a continuous succession of the most brilliant golden yellow flowers of any hardy plant in existence. Each flower is borne on a leafless stem, 8 to 10 in. in length, most admirably adapted for cutting. The flowers often measure 2 in. or more in diameter, will last ten days without fading, and are most excellent for bouquets. We offer the true variety, which is very distinct from all other species of the class. Each, **10c.**; 3 for **25c.**

AQUILEGIA (COLUMBINE)

These make elegant border plants, unrivalled for beauty of form and rich blending of colors. Our collection includes a variety of colors, although not offered separate; they will give a pleasing effect to any flower garden, Each, **15c.**; 2 for **25c.**

ALTHEA
or Rose of Sharon

Flowers are of large size, very double and full, and of various brilliant and striking colors; they are borne in August and September, when other flowers are scarce. The plant is of regular and compact growth, with deep, glossy green leaves; thrives in all ordinary situations, and is entirely hardy. They make beautiful ornamental hedges. We offer four distinct varieties, all very beautiful, viz.: **Double Purple, Double Striped, Double White and Variegated.** Plants, each color, **30c.**, post-paid.

FLOWERING ALMOND
(AMYGDALUS)

This is one of the earliest flowering shrubs, and one you cannot afford to do without. The stems are literally covered with most beautiful blossoms, which make it a thing of beauty. **Double Pink** and **Double White, 40c.** each, post-paid; large plants, **60c.** each, by express at purchaser's expense.

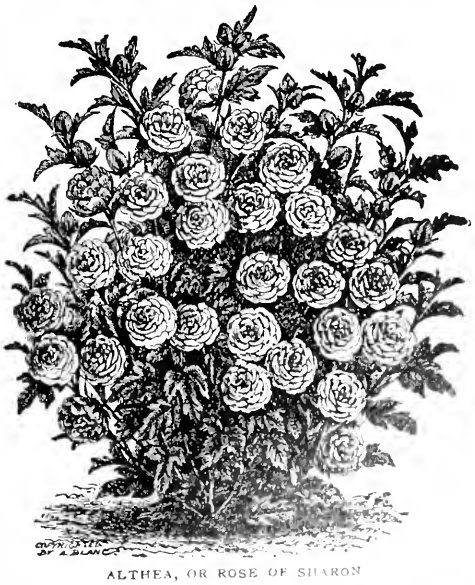
BERBERIS (A GRAND FOLIAGE SHRUB)

Japan Berberry, or Berberis Thunbergii. A most valuable and distinct shrub of dwarf, compact habit, forming a low, globular bush of dense growth. Its leaves are small, glossy, very rich dark green, with metallic reflections, and so numerous as to completely conceal the branches; turning in autumn to the most brilliant scarlet imaginable, so vivid, in fact, as to suggest a ball of fire. The branches are thickly studded with coral-like berries which cling to the bush till May, and its numerous little blossoms are very unique, Each, **15c.**; large plants, 2½ ft. high, **30c.** each, by express, at purchaser's expense.

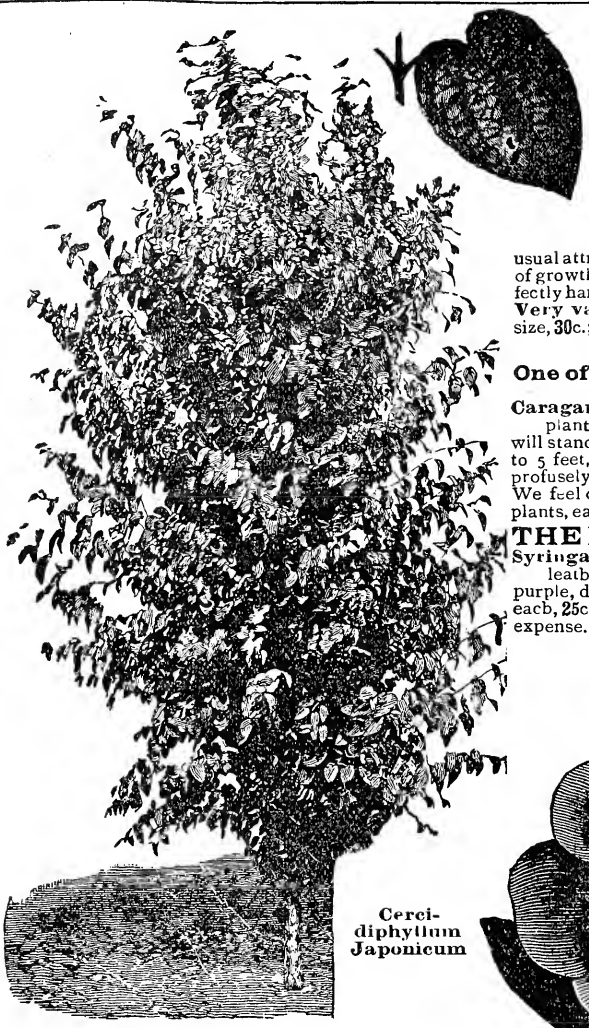
—Purple-Leaved Berberry, or Berberis Vulgaris Atropurpurea. One of the most valuable shrubs, especially for producing color effect in grouping. Its abundant handsome foliage is always clean, of a deep, rich plum color, and does not fade out in summer, as do most purple-leaved plants. Like the type, it produces fruit freely, of a bright crimson color, that remains upon the plant until spring. It forms a beautiful hedge, and is also exceedingly pretty as a single specimen. Each, **15c.**; large sized plants, 2½ ft. high, **30c.** each, by express at purchaser's expense.

CATALPA KÆMPFERI
(JAPANESE CATALPA)

Catalpa Kæmpferi. This variety is an elegant shrub of rather slender growth, producing large clusters of fragrant flowers of a yellowish cast; they remain in bloom a long time and are succeeded by seed-pods; the leaves are of a dark purplish-green color. Bees are attracted by this shrub. Mailing plants, **25c.**; 3 for **60c.**



ALTHEA, OR ROSE OF SHARON



Cercidiphyllum Japonicum

CERCIDIPHYLLUM JAPONICUM

A Grand Cemetery Tree

Cercidiphyllum Japonicum. A newly introduced tree from Japan, of great beauty and extremely rapid growth. The leaves are heart-shaped, dark green above and silvery green beneath. The leaf stalks are dark red; a tint of the same color is in the veins, which with the dark brown of the young bark, gives most unusual attractiveness. While of upright habit, there is no stiffness of growth, such as often accompanies such an outline. It is perfectly hardy, free from diseases, and a valuable addition to our list. **Very valuable for Cemetery planting.** Each, mailing size, 30c.; large plants, 50c, by express at purchaser's expense.

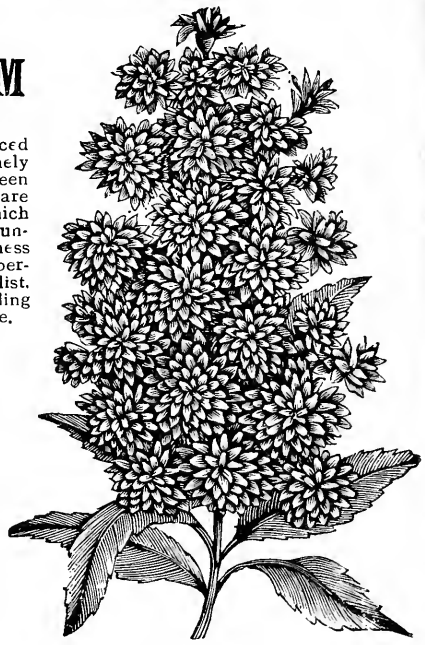
CARAGANA

One of the finest Shrubs for Manitoba and the North West

Caragana Arborescens, or Siberian Pea. This is the plant of all others suited for our North-West, where it will stand the climate well. It is a tall growing shrub, say 4 to 5 feet, somewhat like the Laburnum in appearance, being profusely covered with pea-shaped yellow flowers in May. We feel quite confident it will please all who try it. Young plants, each, 15c.; 6 for 75c.

THE PURPLE FLOWERED LILAC

Syringa Villosa. A purple Japanese species with large leathery green foliage like the white fringe tree. Flowers purple, distinct, new color, very floriferous. Plants by mail, each, 25c. Large plants, 50c. each, by express at purchaser's expense.



DEUTZIAS

CLETHRA (Sweet Pepper Bush)

Clethra Alnifolia. (4 to 5 ft.) A large and most useful shrub, bearing a profuse number of upright spikes of yellowish white, sweet scented flowers, which open about the 1st of August. It will flourish in shady places, and is used to a great extent for massing in woods or to give a natural effect to landscape work. A hedge of it fully equals the wonderful Jessamine hedges of the South, both in beauty and in fragrance. Mailing plants, 30c. each.

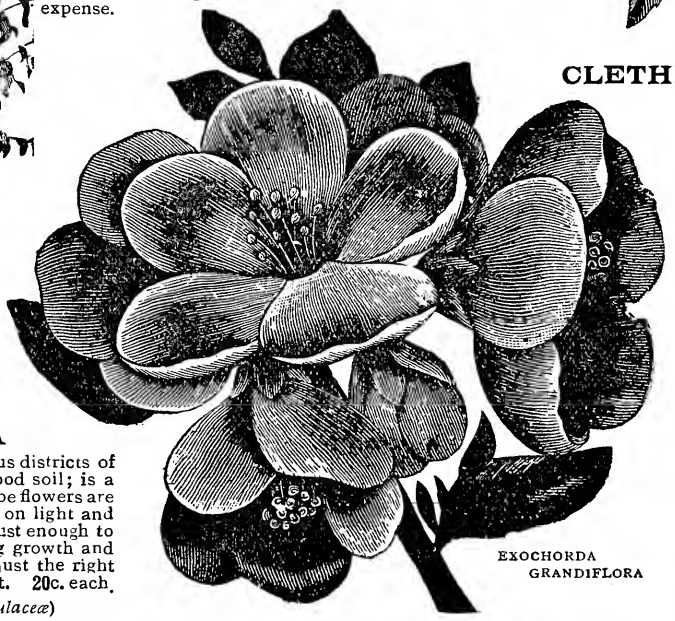
DEUTZIAS

Early spring flowering shrubs, with long, graceful spikes of flowers from every bud or eye, pretty foliage of upright growth, and forming handsome lawn shrubs. They flower early in June.

Deutzia, Gracilis. Grows from 2 to 3 feet high, and is almost bell-shaped in its close, compact bush, profuse blooming, being covered with graceful sprays of small bell-shaped white flowers. Blooms early in June.

—**Double Pink.** Each, 25c.

—**Double White.** Each, 25c.



EXOCHORDA GRANDIFLORA

EXOCHORDA GRANDIFLORA

A hardy flowering shrub, native of the mountainous districts of northern China and Japan. Of easy culture in any good soil; is a certain and profuse bloomer in the early summer. The flowers are borne in slender racemes, of eight to ten florets each, on light and wiry branches, that bend beneath their load of bloom just enough to be airy and graceful. When in full bloom, the young growth and soft, green foliage are advanced sufficiently to afford just the right toning tint of green to produce the most pleasing effect. 20c. each.

DELPHINIUM Larkspur (*Ranunculaceæ*)

A most important class of free-flowering and ornamental-foliaged perennials, of easy culture in ordinary rich loam. The tall-growing sorts are admirable for the back portion of the border or for grouping among shrubs, while the lower growing species do finely in all positions in the border. All are of the greatest value for cut-flower purposes. By preventing the flowers from going to seed the plants will bloom continually until hard frost. Many rare species can be furnished. Named varieties in separate colors, comprising all the new ones, 15c. each; 2 for 25c.; per doz., $1.20.

DELPHINIUM

FUNKIAS, or DAY LILIES

Handsome hardy foliage and flowering plant. Their noble aspect, elegant outline, and bold luxuriant foliage, render them exceedingly attractive for large effective clumps, succeeding in sunny positions, and equally well in shady places where many plants would not exist. They are also much grown in Europe for greenhouse decoration in winter.

Funkia, Aurea Maculata. Beautiful, golden striped foliage, very handsome. Each, 20c.

—**Subcordata Grandiflora** (White Plantain Day Lily). Very showy, splendid milky white flowers, nearly 4 inches long; very fragrant. Each, 20c.

CYDONIA (Quince)

The flowering varieties of the Japan Quince rank among our choicest shrubs. Although of straggling growth, they bear the knife well, and with proper pruning may be grown in any form. As single shrubs on the lawn they are very attractive, and for the edges of borders or groups of trees they are specially adapted. Their large, brilliant flowers are among the first blossoms in spring, and they appear in great profusion. Their foliage is bright green and glossy, and retains its color the entire summer. Special attention is invited to this plant for ornamental hedges. It is sufficiently thorny to form a defense.

C. Japonica. Scarlet Japan Quince. Has bright scarlet crimson flowers in great profusion in the early spring. One of the best hardy shrubs in the Catalogue. 20c.

Choice

PEPPER BUSH

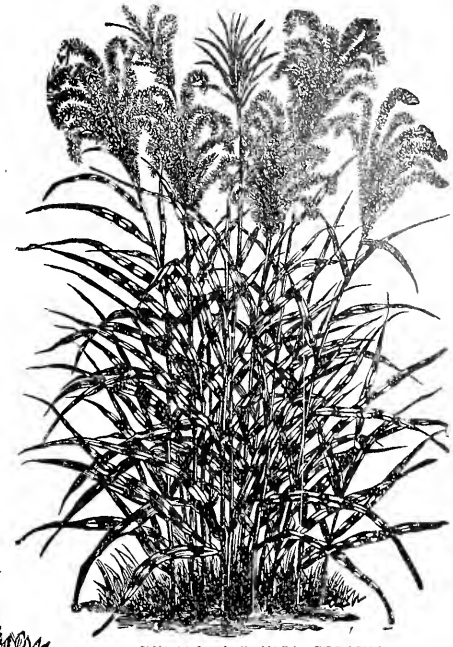
"The Plants, etc., in three parcels, arrived in good condition. I wish to express my entire satisfaction on the way you have complied with my order." J. P., Victoria, B.C.

GAILLARDIA GRANDIFLORA

Gaillardias are among the showiest and most effective of hardy perennial plants; beginning to flower in June, they continue one mass of bloom the entire season; they will thrive in almost any position or in any soil but respond freely to liberal feeding; being perfectly hardy they require absolutely no protection. The flowers are large, 2½ to 3½ in. diameter, produced on long stems, are excellent for cutting; most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermilion. Assorted colors, each, 10c.; per doz., $1.

SWEET SCENTED SHRUB

Calycanthus Floridus. A native species growing 6 to 8 ft. high. Flowers of a chocolate brown color, and have a powerful aromatic and fragrant odor; from May to August. The leaves and wood are also fragrant. Blooms freely, is hardy and succeeds everywhere. Often termed Strawberry Shrub from the resemblance of the fragrance of its flowers. Each, 20c.



EULALIE JAPONICA ZEBRINA

HELIANTHUS

(PERENNIAL SUNFLOWER)

These flowers will well repay the slight trouble they give, flourishing splendidly in any garden soil, and for the second or back row in borders or for shrubberies, they can hardly be surpassed.

Helianthus Multiflorus, fl. pl. (Double Hardy Sunflower or Dahlia Sunflower). Perfectly hardy and produces large Double Dahlia-like golden-yellow flowers in great profusion during the entire summer and fall. Each, 15c.

—Laetiflorus. One of the most beautiful plants for the garden; flowers about 4 ins. in diameter, of the richest golden yellow color; habit very distinct, of pyramidal growth; leaves narrow, of a bright sea-green color; perfectly hardy; flowers from July to September. Each, 15c.

—Soleil d'Or. This grows about 4 feet, composed of numerous rigid stems smothered with large golden yellow flowers; very fine for cutting and general decoration. Ea., 15c.

1 each of the above 3 varieties, 40c.

EULALIE JAPONICA

Eulalie Japonica Zebrina. This is one of the most beautiful and distinct hardy plants in cultivation. The foliage is distinctly marked with broad yellow bands, as shown in cut. It grows from 4 to 6 feet in height, forming a most striking and graceful plant, resembling nothing else we know of. The expanded flower spike is very showy, and when dried will last for years. Plant entirely hardy. Whether used as a single plant or groups on lawns it has no equal. Each, 15c.

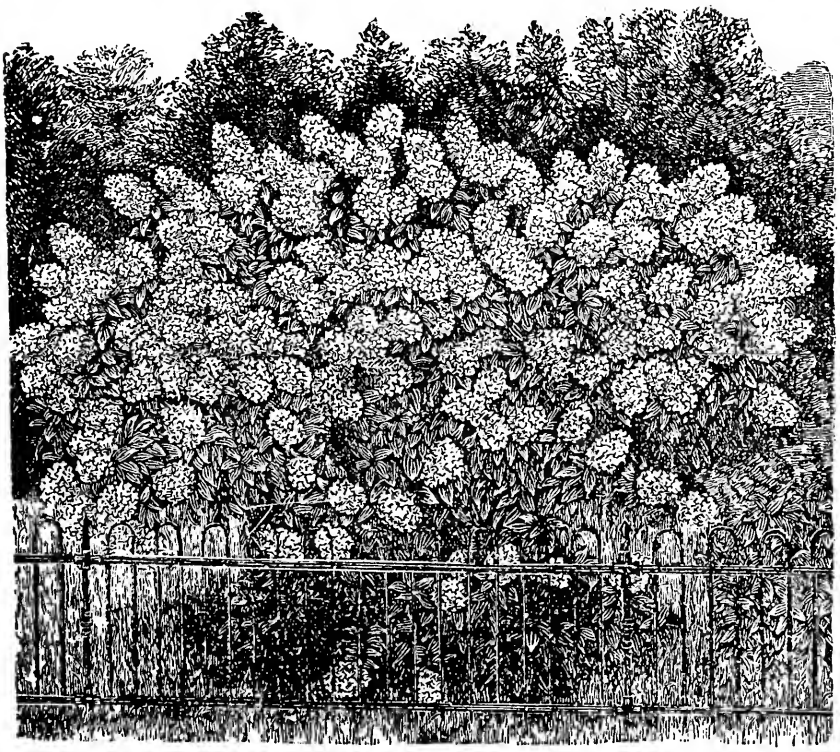
—Japonica Variegata. A favorite ornamental plant, having long narrow leaves, striped white and green. 15c. each.

—Gracilis Univitata. An extremely graceful and beautiful hardy plant, with narrow green leaves and silvery white mid-rib. Nothing is more beautiful than a well developed clump of this variety; can be grown in any soil. Each, 15c.

LOBELIA

The handsome perennial Lobelia is worthy of attention. They are partial to moisture and to a deep rich loam. They attain a height of 2 feet and make an imposing effect as a back row to a ribbon border.

Lobelia, 'Queen Victoria." Vivid scarlet flowers; metallic crimson foliage. Each, 15c.



HYDRANGEA PANICULATA GRANDIFLORA

HOLLYHOCKS

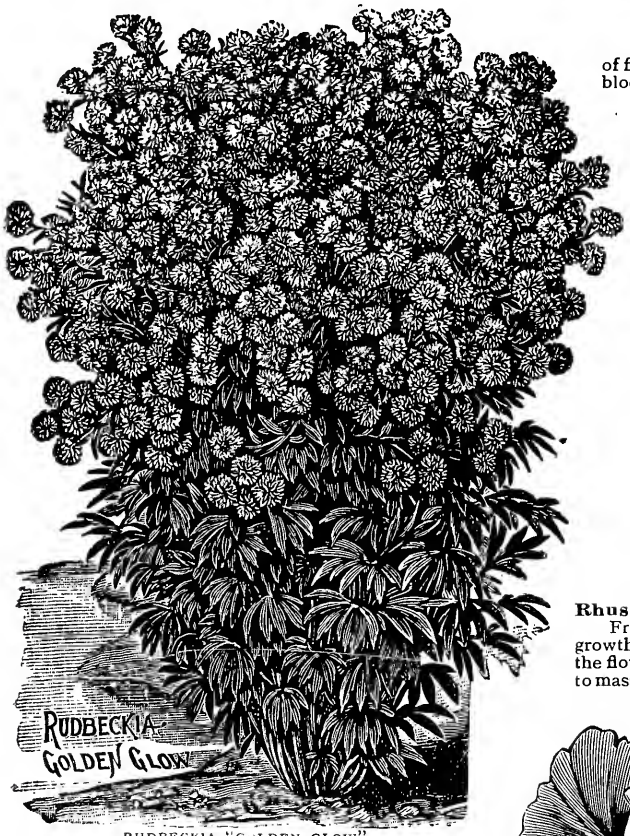
(FINE DOUBLE VARIETIES)

These are always in great demand and are used for backgrounds or centres of beds, their tall spikes of beautiful flowers making them very valuable for such situations. Our stock of plants is healthy and very fine, embracing all colors—crimson, buff, yellow, lemon, purple, rose, etc. Plants 2 years old, 25c. each; per doz., $2.25.

HYDRANGEA PANICULATA GRANDIFLORA

(THE GRANDEST SHRUB OF ALL) One of the best and most handsome Hardy Ornamental Shrubs ever grown. It blooms finely the first year, and gets better and grows larger with age; it grows 3 to 5 feet high, is perfectly hardy in all parts of the country, and needs no protection in winter; blooms in July and August, when other flowers are scarce, and remains in bloom two or three months. The flowers are pure white, afterwards changing to pink and rich coppery red, and are borne in immense pyramidal trusses, more than a foot long, and nearly as much in diameter. The bush should be cut back every spring one-half of last season's growth, dug around and well manured. The finest flowers are borne on the new wood, and are largest and best when the plant has made a vigorous growth. Strong 3-year plants cut back for mail, each, 25c. Large plants, 35c. each.

HOLLYHOCK



RUDBECKIA "GOLDEN GLOW"

NEW DOUBLE RUDBECKIA

"GOLDEN GLOW"

The new large double-flowering, golden yellow Rudbeckia is of fine habit, vigorous growth, with early continuous and immense blooming qualities; more elegant and beautiful than the double flowering "Helianthus Multiflorus;" grows 6 ft. or more in height, much branched and erect. The most handsome large flowering perennial that has been introduced for years. Plants, 15c. each.

PHILADELPHUS CORONARIUS

(SWEET-SCENTED SYRINGA OR MOCK ORANGE)

A hardy shrub of rounded form and luxuriant foliage, with masses of pure white, intensely fragrant flowers in June. This is one of the first to bloom, and deserves a place in all collections. Each, 20c., post-paid; large plants, 3½ to 4 ft. high, each, 30c., by express, at purchaser's expense.

MAGNOLIA

Grows into trees of the highest ornamental merit; their elegant habit and foliage alone would render them indispensable, but the flowers, their crowning beauty, are unrivalled in size, beauty, individual charm and showy effect among all hardy trees or shrubs. As specimens upon the lawn they are simply grand. They should be planted in a somewhat sheltered position, and will grow in a low or high situation. **Magnolia Grandiflora.** Greatly prized for its beautiful white, sweet scented flowers, which come later than most all other kinds, not expanding until early in June. Good plants, each, 45c.

PHILADELPHUS (MOCK ORANGE)

SMOKE or FRINGE TREE

Rhus Cotinus. (Also called Purple Mist and Venetian Sumach). From Southern Europe. A large shrub or small tree of low growth and rounded form, attaining a height possibly of 12 ft. The foliage is of a lively bright green, and the flowers appear in June in large, loose, fringe-like panicles of a light purplish color, and change finally to masses of reddish seed-vessels, which remain until frost. Mailing size, each, 20c.

LONICERA (TARTARIAN BUSH HONEYSUCKLE)

Forms a graceful branching ornamental bush, 3 to 5 ft. high; very desirable for lawn or garden; foliage dark green, flowers beautiful creamy white, very fragrant, blooms in May and June. Ea., 25c.

PRIVET CALIFORNIAN

Of all the ornamental hedge plants, this is the most highly prized. If cut to the ground one or two years after planting it makes a very thick hedge right from the bottom, sending up many strong shoots. The leaves are a rich green and will remain on the plants up to Christmas, and if they are a little sheltered they will keep green almost all winter. Hedges that are 6 to 7 ft. in height, and have been trimmed flat on the sides, look like a solid green wall. It thrives in dry situations and is extremely hardy. 60c. per doz., post-paid; $3.50 per 100, by express at purchaser's expense.

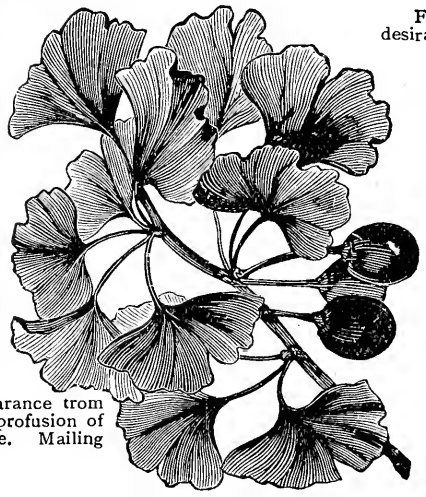
Good

PERENNIAL PHLOX

For hardy clumps of brilliant colored masses of flowers on lawn or among shrubbery, Hardy Perennial Phlox takes the very first rank. The great showy heads or panicles of bloom are produced and multiplied in gorgeous profusion from midsummer until checked by frost. Named varieties, assorted colors, 15c. each; 6 for 75c.

SALISBURIA (MAIDEN HAIR TREE OR GINGKO)

Salisburia Adiantifolia. A Japanese tree of large size and rather erect growth. A most elegant ornamental tree, with very handsome deep green foliage, shaped like the Maiden Hair Ferns. It is hardy, upright and regular in habit, and makes a splendid appearance anywhere, growing freely and rapidly. It is much different in appearance from any other tree, and very ornamental indeed with its great profusion of beautiful foliage. Mailing size, 35c. each.



SALISBURIA, OR MAIDEN HAIR TREE

MAGNOLIA GRANDIFLORA

SPIRÆAS

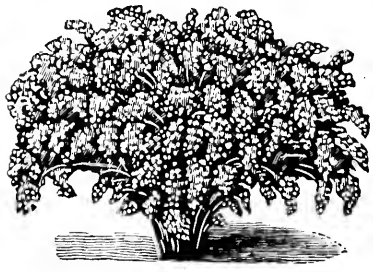
Spiræa Bumalda. It is of dwarf habit, forming a dense clump of slender branches and pretty, airy foliage, not exceeding 2 ft. in height at maturity, is of the greatest hardihood and bursts into masses of exquisitely beautiful flowers in early June, and continues to cover the bush with clusters of bloom, each plant resembling a huge bouquet during the entire summer and autumn. Bright rosy red. Each, 15c., post-paid; large plants, 30c, ea., by express at purchaser's expense.

—Thunbergii. One of the finest Spiræas; blooms early in April; noted for its compact, regular growth and pretty fern-like leaves; makes a head almost as round as a ball; flowers are white and borne in large clusters. Post-paid, each, 15c.; large plants, 30c. each, by express at purchaser's expense.

—Van Houttei. Is the most showy of all the Spiræas. In the spring the plants are a perfect snow-bank of bloom, the long slender branches drooping gracefully with their weight of flowers; strong growing and entirely hardy; rich blue green foliage. Post-paid, each, 25c.; Large plants, 30c. each, by express at purchaser's expense.

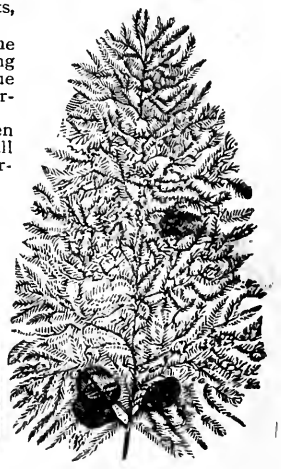
—Aurea, Golden-Leaved Spiræa. A handsome shrub, with bright golden yellow foliage, contrasting finely with the deep green of other varieties: small white flowers, Each, 15c., post-paid. Large plants, 30c. each, by express at purchaser's expense

PERENNIAL PHLOX



SPIRÆA VAN HOUTTEI

SPIRÆA BUMALDA



SMOKE TREE

VIBURNUM PLICATUM (JAPANESE SNOWBALL)

VIBURNUM OPULUS

Viburnum Opulus, (Common Snowball), 6 to 7 feet. This well-known shrub finds great favor with planters. The large balls come singly, hanging by stems along the branches, expanding towards the close of May. A very showy decorative shrub. Strong plants, each, 30c.

JAPANESE SNOWBALL

Viburnum Plicatum, (Japanese Snowball). This improved variety of Snowball is distinct in every way; of upright bushy growth with plaited leaves and a large number of pure white heads of flowers. It stands unexcelled amongst shrubs. You cannot afford to leave this off your list. By mail, each 40c. Large plants, 2½ to 3 feet high, each, 50c., by express, at purchaser's expense.

THE TREE LILAC

Syringa Japonica. From Japan. It makes a straight, stout, well-branched tree, with large and handsome leaves. It flowers in midsummer, when other lilacs have long been gone, its immense clusters of white blossoms standing stiffly up on the outer and top shoots, sometimes measuring 16 to 24 ins. in size. Specimens are now to be seen in Boston, Mass., 12 years planted and 20 feet high. Plants by mail, each, 25c.

YUCCA

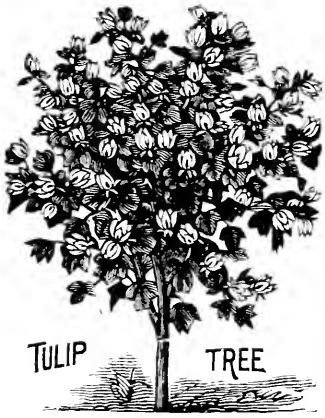
THE PURPLE FLOWERED LILAC

Syringa Villosa. A purple Japanese species with large leathery green foliage like the white fringe tree. Flowers purple, distinct, new color, very floriferous. Plants by mail, each, 25c. Large plants, 50c. each, by express at purchaser's expense.

PRUNUS PISSARDI

Prunus Pissardi. (Purple-leaved Plum). The finest purple-leaved small tree or shrub of recent introduction. The young branches are a very dark purple; the leaves when young are a lustrous crimson, changing to a dark purple. It transplants easily. Flowers small, white, single, covering tree. 20c. each.

Good



PRUNUS TRILOBA

Prunus Triloba. (Double Flowering Plum). This splendid variety is one of the best low growing shrubs we have; height, 4 to 5 ft. It commences to flower in May, and is a perfect mass of double pink flowers borne along the stem, showing them off in a very attractive manner. It is perfectly hardy, and we recommend it as being one of the very best shrubs now in cultivation. Each, 40c.

TRITOMA UVARIA GRANDIFLORA

(Flaming Torch, or Red Hot Poker Plant).

A splendid half-hardy summer and autumn flowering plant, producing magnificent spikes of rich orange red flowers. They may be left in the ground during winter with good protection, or can be taken up in the fall and potted and kept from frost. Each, 15c.

HYPERICUM MOSERIANUM

(The New St. John's Wort).

The habit of this plant is free and graceful; it produces long, slender, much-branched stems, leafy to the base and all drooping toward the ends, apparently from the weight of the flowers and buds, although the flowers face so that none of their beauty is lost. It is marvellously free flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, with yellow stamens and crimson anthers, and blooms continuously the entire season. It is perfectly hardy, forming a bush about three feet high. Strong plants, 20c. each.

YUCCA (Spanish Bayonet)

Yucca Filamentosa. A low-growing hardy evergreen plant, with long, narrow leaves; very distinct, and almost tropical in appearance. The flower stalk is from 2 to 4 feet high, and rises from the centre. It bears a profusion of creamy white, bell-shaped flowers, very beautiful; very effective lawn plant; will thrive and succeed in the poorest soil. Ea., 20c.

TULIP TREE

Liriodendron Tulipifera. A magnificent native tree, of tall, pyramidal habit, with broad, glossy, fiddle-shaped leaves of a light green color, and beautiful tulip-like flowers; allied to the Mangolias, and, like them, difficult to transplant, unless of small size. Each, 20c., post-paid.

THRIFT, SEA PINK

Thrift, or Armeria Formosa. A hardy perennial plant with compact tufts of narrow green foliage. Particularly valuable for edging. The flowers are a clear bright pink, and borne in clusters on tall stems. Increases rapidly by division. Plant a good lot of it for borders. Each, 10c.; doz., 75c.

WIEGELA (Diervilla)

A valuable genus from Japan, introduced as late as 1843. Shrubs of erect habit while young, but gradually spreading and drooping as they acquire age. They produce in June and July superb large trumpet-shaped flowers of all shades and colors, from pure white to red. In borders and groups of trees they are very effective, and for margins the variegated leaved varieties are admirably suited. They flower after the lilacs in June. **Fine plants, mailing size.**

Wiegela, Variegated-Leaved Dwarf. Of dwarf habit; and possessing clearly defined silvery variegated leaves; flowers nearly white. It stands the sun well, and is one of the best dwarf variegated-leaved shrubs. Each, 25c.

—Rosea. This is one of the most charming shrubs in cultivation; it cannot be too highly recommended; the flowers are large and of deep rosy color; they are borne in such profusion that the whole plant appears a mass of lovely bloom. Each, 25c.

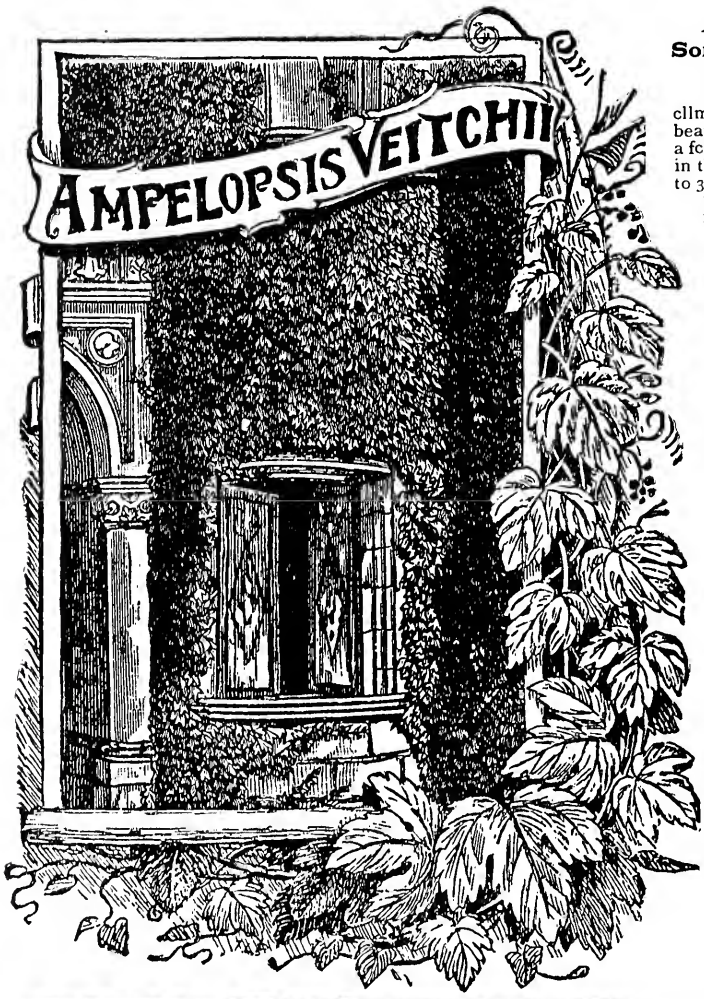
—Floribunda. Dark cinnamon or chocolate colored flowers with projecting white stamens and pendulous habit, reminding one of a Fuchsia. It blooms profusely in spring with other Wiegelas, and again in autumn, especially if headed in after its early bloom, rendering it an almost perpetual bloomer of great value. Each, 25c.

—Candida. This is the very best of all the white-flowered Wiegelas; a strong, upright, erect grower; flowers pure white and produced in great profusion in June, and continues to bloom all summer. Each, 25c.

WIEGELA CANDIDA

TRITOMA UVARIA GRANDIFLORA

HARDY OUTDOOR CLIMBERS



AMPELOPSIS VEITCHII

Sometimes called "Boston Ivy" and "Japan Ivy"

No picture can portray the beauty of this grand climbing plant. As an important aid to architectural beauty it is rapidly attaining prominence, being now a feature on the finest houses. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in 2 or 3 years, clinging to stones, brick or woodwork with the greatest tenacity. For covering dead trees, gate posts, boundary walls, verandahs, etc., it has no equal, while its rapid growth and tenacious clinging qualities make it a most desirable plant for staying up terraces. In summer the foliage is a shade of green, and in fall tinted with scarlet, crimson and orange. Fine mailing plants, each, **15c.**; 4 for **50c.**; 2-year old plants, **25c.**; 5 for $1; 3-year old plants, **50c.**

AMPELOPSIS QUINQUEFOLIA

American Ivy or Virginian Creeper

Has beautiful digitate leaves that become rich crimson in autumn; a very rapid grower. Like the Begonia and Ivy it throws out tendrils and roots at the joints, by which it fastens itself to anything it touches. One of the finest vines for covering walls, verandahs, or trunks of trees; affords shade quickly. **Hardy in the North-west.** Mailing plants, each, **20c.**

WHITE WISTARIA

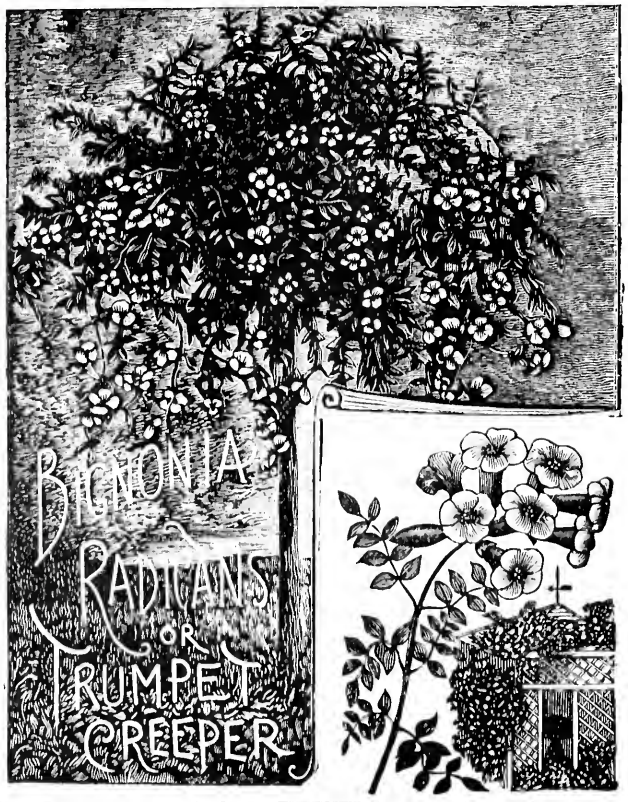
ARISTOLOCHIA SIPHO (Dutchman's Pipe)

A vigorous and rapid growing climber, bearing singular brownish colored flowers resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, but its fine, light green leaves, which are of very large size, retain their color from early spring till late fall; perfectly hardy. Each, **25c.**

BIGNONIAS (Trumpet Creeper)

Bignonia Radicans. A splendid climbing plant, suitable for covering dead trees, fences, etc., with large clusters of trumpet-shaped, orange-red flowers; blooms in August; about three inches long, handsome in bud as well as in flower. The foliage is also very beautiful, a collection of small leaflets arranged upon a single stem, beautiful for vase and flower work. This plant is not only an admirable climber, but on the lawn makes a pretty tree-formed bush or tree, if tops are cut back and artificial stem supplied, thus having the appearance of a weeping shrub. Mailing plants, each, **20c.**; 4 for **75c.**

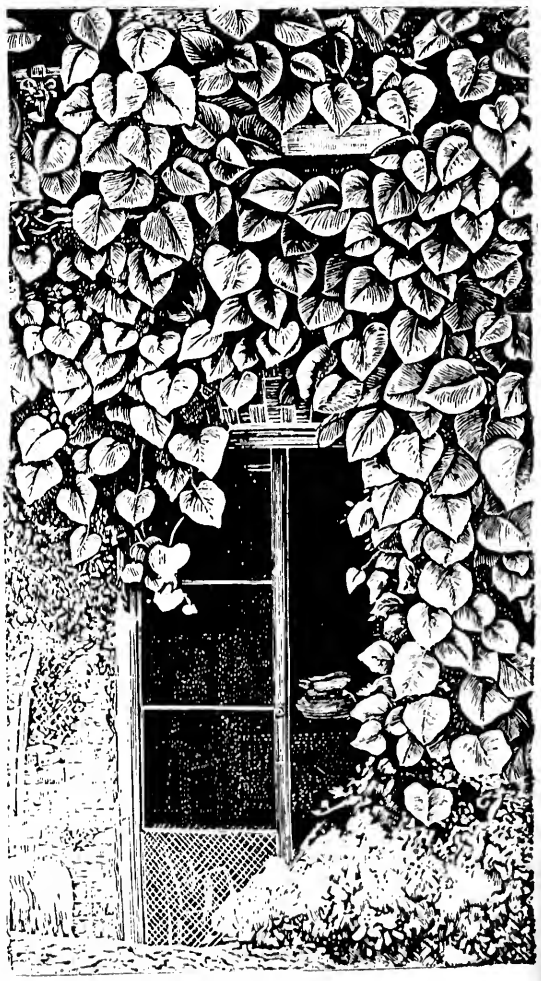
—Grandiflora. A hardy, fast grower, suitable for covering dead walls, back buildings, fences, etc.; produces in August large, orange-red, trumpet-shaped flowers in clusters; very handsome. Each, **25c.**



WISTARIAS

Wistaria, Chinese White. Plant this Wistaria whenever you want a good tall growing vine to shelter high porches or second floor fronts. It grows strong and high, makes a pretty leafy screen, not too dense, and is loaded with bloom in the early spring, just when you seem to need flowers and shade most. There are several varieties of Wistarias; this is the finest of all; immense clusters; pure white flowers, very sweet; extra fine plants, sure to bloom. Each, **30c.**

—Chinese Blue. One of the most beautiful of all Wistarias; a vigorous strong growing vine, producing in early summer a great profusion of large clusters of lovely, rich violet-blue flowers, deliciously sweet and exceedingly handsome. One of the very best climbing vines for verandahs, balconies, second-floor fronts, etc. Each, **30c.**



ARISTOLOCHIA SIPHO

Received Plants in good condition. Am much pleased with them. Mrs. E. H. N., Union Square, N.S.

ENGLISH CLEMATIS

The Clematis we offer this season are exceptionally fine strong plants, two years old; we have reduced the number of varieties to such sorts as from experience we know to succeed best in our climate. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least three inches below the surface of the soil. For covering walls, trellises and verandahs, old trees or ruins, they have scarcely an equal, certainly no superior.

Clematis, Madame Edouard Andre. An entirely distinct and most novel variety, and the nearest approach to a bright red ever sent out. The plant is a strong, vigorous grower, being a hybrid of the popular Jackmanni, which it resembles in freedom of bloom, strong vigorous growth and shape and size of flowers, but is of a distinct carmine red color of a most pleasing shade, entirely different from all other varieties. Each, 75c.

—**Flammula** (Virgin's Bower). A general favorite, where a hardy, rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small white flowers. Each, 30c.

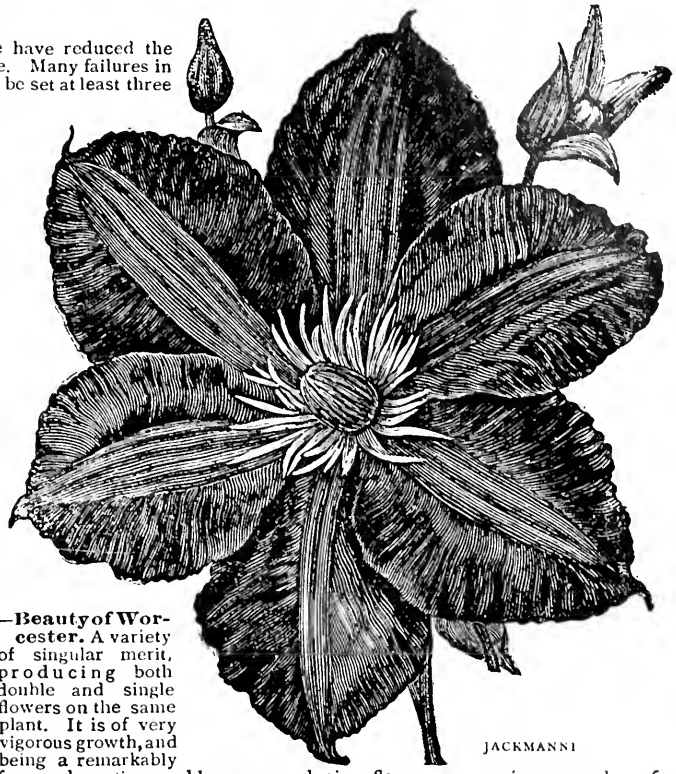
—**Smith's Snow White Jackmanni.*** This is what has been wanted or years, viz., a "paper white" true Jackmanni Clematis. The flowers are about the same size as those of the old purple Jackmanni, but produced in even greater profusion. The constitution is excellent, and the plant is equally useful for climbing or for bedding. The flowers are valuable for vases, wreaths, bouquets, etc. Each, 80c.

—**Jackmanni,** The best known and most popular variety. Color dark rich royal purple. A mass of bloom when in full flower. Each, 50c.

—**Miss Bateman.** White with chocolate red anthers. Each, 50c.

—**New Coral.** (Clematis Coccinea). Grows 8 to 10 feet high; suitable for verandah or trellis; a constant bloomer, bearing a profusion of rich coral scarlet, tulip-shaped flowers all through the season, from early summer until fall, very pretty and desirable. Each, 25c.

—**Star of India.** Reddish plum with deeper colored bars down the centre of each sepal, a very showy and useful variety. Each, 60c.



JACKMANNI

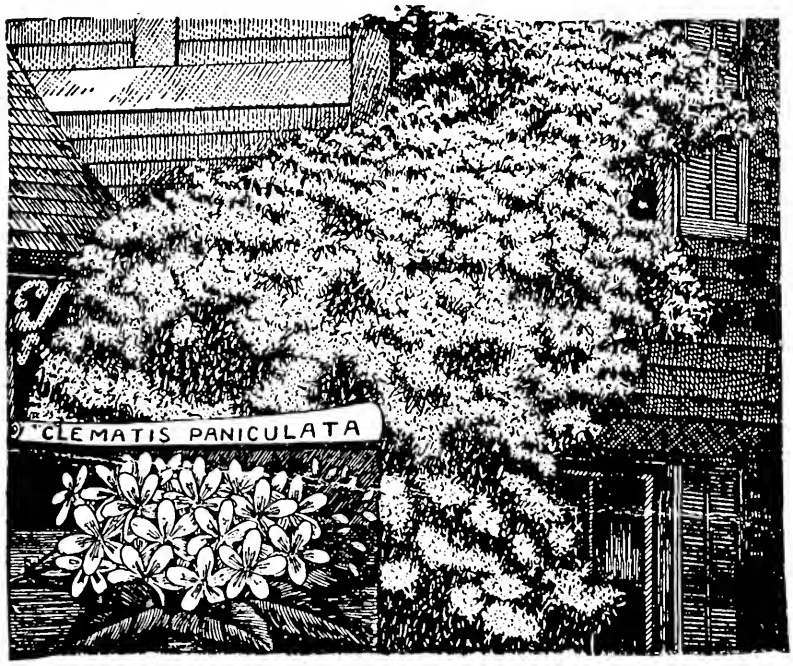
—**Beauty of Worcester.** A variety of singular merit, producing both double and single flowers on the same plant. It is of very vigorous growth, and being a remarkably free and continuous bloomer, producing flowers measuring as much as five inches in diameter at almost every joint, it will be invaluable for bedding and general decorative purposes. Color of a beautiful blush violet shade with prominent pure white stamens, which greatly add to its beauty. Each, 75c.

—**Princess Beatrice.** A magnificent variety, with broad overlapping petals; flowers 6 to 8 inches across, nicely frilled; silvery lilac with pale stamens; a close, well formed flower, and quite distinct. Each, 75c.

—**Magnifica.** Distinct light lilac rose; a new and handsome variety of the Jackmanni type; very free bloomer, vigorous grower. Each, 60c.

—**Duchess of Edinburgh.** Best double white, deliciously scented. Ea., 70c.

—**Victoria.** Rich royal purple. Each, 70c.



CLEMATIS PANICULATA

(Sweet-Scented Japan Clematis)

Has a stem 1½ inches in diameter at the base, and completely covers a space 18 feet high and 12 feet wide. The foliage is remarkably clean and healthy and very free from insect enemies; of a dark, clear, glossy green. For any situation where a rapid growing climber is needed this will be found a most valuable plant. For making arbors, covering trellises, trailing over old stumps or trees, or as an ornament to porches, it is especially desirable. The flowers are pure white, sometimes slightly tinged with cream, about three-fourths of an inch in diameter, star-shaped, and of a most pleasing and penetrating fragrance. They are borne in clusters, on stiff stems, four to six inches long. Price, each, 30c.

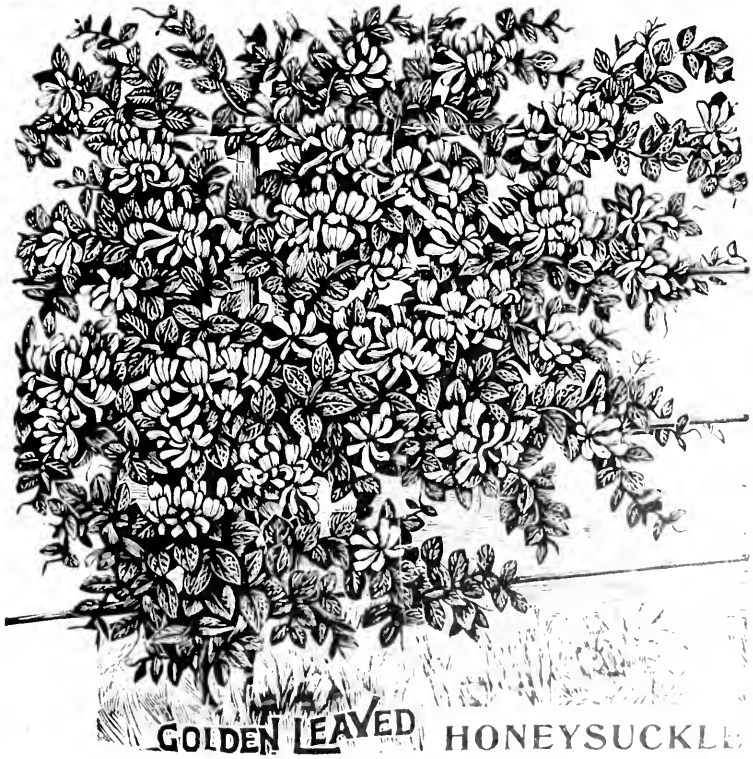
HONEYSUCKLES

For real home vines, to be near you, climbing over your windows and doorways, there is nothing prettier than fine, sweet-scented Honeysuckles; the foliage is pretty, neat and clean, the flowers almost continuous, and their fragrance delicious. The varieties described below are the very best.

Honeysuckle, New Halliana. A new variety introduced from Japan, and considered a great acquisition; it is evergreen, and a constant bloomer; flowers pure white, changing to yellow; very fragrant; good for trellis or pillar; one of the very best varieties for all purposes. Each, 20c.

—**Golden-Leaved.** An elegant and very desirable variety of moderate growth; leaves beautifully veined and netted with clear yellow, so that the prevailing color of the foliage is bright yellow; flowers yellow and fragrant; admirable for pillar and trellis work. This beautiful Honeysuckle is so distinct that it is one of the best varieties to plant with other vines for a striking contrast. Each, 20c.

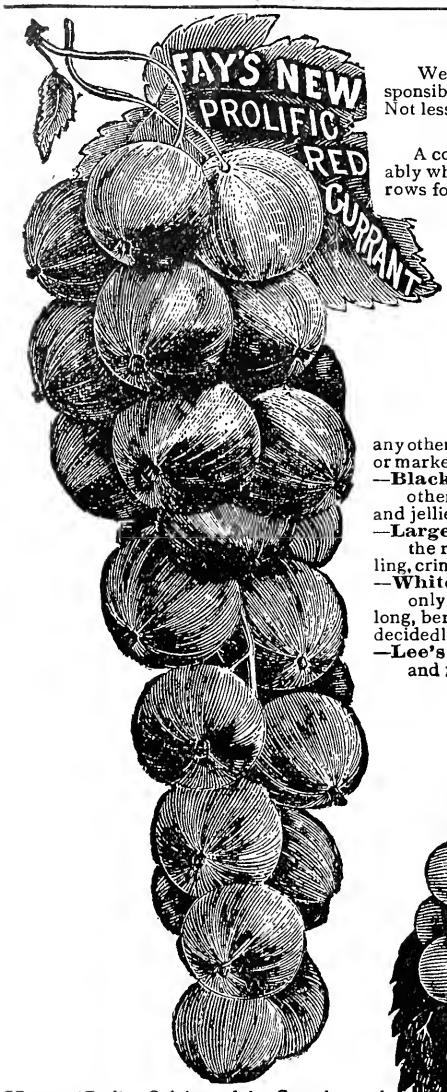
—**Monthly Fragrant.** A fine rapid growing variety; flowers large and very fragrant; color red and yellow; a constant bloomer. Each, 20c.



MISCELLANEOUS PLANTS

Lack of space prevents extended descriptions, but most varieties are well known garden favorites; among them are a few hardy perennials; these are distinguished with the letters h. p.; there are also half-hardy or greenhouse perennials, but are here listed as annuals; they will not stand the vigor of our winter out of doors.

			Per doz.
Ageratum. Mayflower, very dwarf, with dark blue flowers	2 for	10	$0 50
Antirrhinum. Choice mixed colors. Ready May 15th	2 "	10	40
Campanula (Canterbury Bells), h. p. Mixed colors	2 "	10	50
Coleus in variety, Golden Verschfeldii, Crimson Verschfeldii, Chicago Bedder, Golden Bedder and Fire Crest	3 "	25	75
Lychnis Chalcedonica, h. p. Large bright scarlet flowers	each	10	1 00
Maurandia Barclayana. Graceful climbers	"	10	1 00
Myosotis. (Forget-me-not). The best blue variety	3 for	15	50
Pinks, Garden, h.p. Pink and white varieties	each	10	1 00
Sweet William, h.p. Finest varieties, mixed colors	"	10	1 00
Tropæolum. Cardinal, orange scarlet, fine for basket	"	10	1 00
Darkness. Brownish crimson double flowers	"	10	1 00



...SMALL FRUITS...

We pack carefully and guarantee their safe arrival to destination, after which our responsibility ceases. The varieties offered are the best standard sorts in cultivation. Not less than 50 plants at 100 rates.

CURRANTS

A cool, moist location is best for this fruit, and for this reason it succeeds admirably when planted by a stone wall or fence, being benefited by a partial shade. Plant in rows four feet apart, and the plants three feet apart in the rows. Keep the ground mellow and free from weeds and grass, using fertilizers copiously. Mulching is necessary for the best returns. So soon as the leaves turn yellow and begin to fall, with a pruning knife remove all the old wood and cut back the young shoots a third of their length, cutting to the ground enough of these to admit air and light into the bush freely. When the currant worm appears dust the bushes with Buhach or Tobacco Dust; it can be exterminated also by dissolving powdered white Hellebore (to be had at any drug store) in the proportion of an ounce to a pail of water, and applied with a syringe upon the leaves.

Strong plants by mail (post-paid)

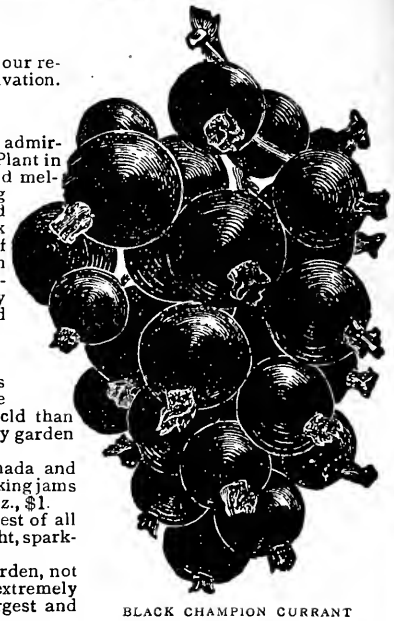
Currants, Fay's Prolific. This well-tried new variety of Currant is undoubtedly one of the best in cultivation, both for market and home use. It is a very heavy cropper; the large uniform berries are less acid than any other sort; large handsome strings of cherry-red fruit; unexcelled for the family garden or market. 2 for **25c.**; per doz., $1.25.

—**Black Naples.** Very hardy and prolific. This is especially valuable for Canada and other points of the extreme north. All the black kinds are much prized for making jams and jellies; highly profitable for market growing in some sections. Ea., **10c.**; per doz., $1.

—**Large Red Cherry.** The most popular market sort, and uniformly the largest of all the red currants except Fay's Prolific. Bunches large; berries very large, bright, sparkling, crimson, beautiful, very acid. Each, **10c.**; per doz., $1.

—**White Grape.** This is a currant of all others that should be in the family garden, not only for its handsome appearance, but for its fine quality. Its bunches are extremely long, berries large, of a beautiful translucent white and excellent flavor. The largest and decidedly the best white variety. 2 for **25c.**; per doz., $1.

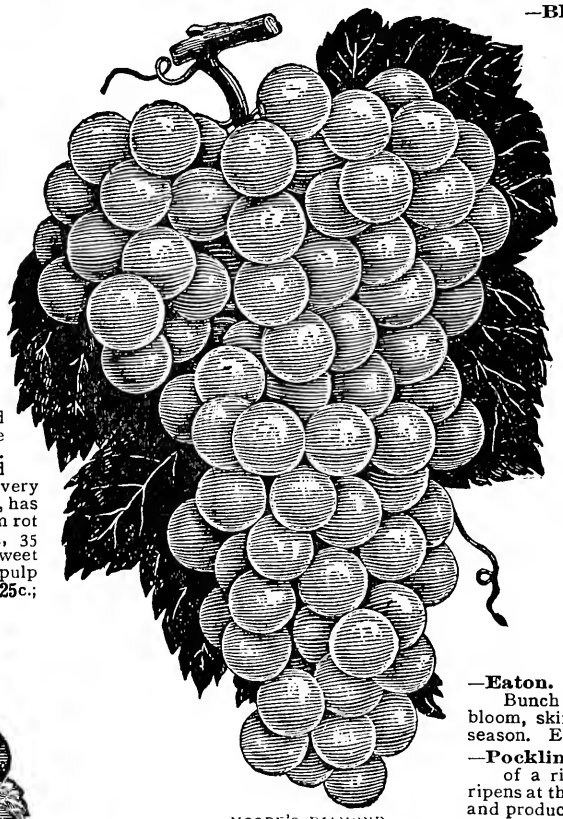
—**Lee's Prolific.** A new black variety; about ten days earlier than Black Naples, with large berries, larger, longer bunches and more productive than that prolific variety. Each, **10c.**; per doz., $1.



BLACK CHAMPION CURRANT

—**Black Champion.** As great an improvement among black currants as is Fay's Prolific among the red varieties. Like Fay's the clusters and berries are exceedingly large, and, unlike other varieties of its class, the bushes are heavy annual bearers. The flavor of the fruit is richer and much milder than the old Black Naples or Black English, from which it has no doubt sprung. Entirely exempt from the ravages of the currant worm or other insects. It is very fine for making jellies and jams, and, in brief, is by far the finest Black Currant yet produced. 2 for **25c.**; per doz., **$1.35.**

Moyer (Red). Originated in Canada, and seems to be a cross between the Delaware and some purely native variety. In habit of growth, hardiness, quality and size of cluster, it resembles the Delaware very much, but it ripens with the very earliest, has larger berries, and so far has been free from rot and mildew. It has stood, unprotected, 35 degrees below zero without injury. Very sweet as soon as colored; skin tough but thin; pulp tender, juicy, of delicious flavor. Each, **25c.**; 5 for $1.



MOORE'S DIAMOND

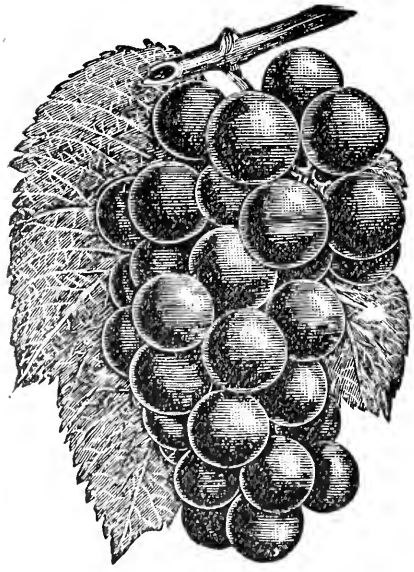
SELECT HARDY GRAPES

The limits of a Catalogue do not permit more than brief mention of the modes of cultivation of the Grape. We refer the reader to the excellent works of Fuller on "Grape Culture" for full details. Plant in rows eight feet apart and six to eight feet apart in the row. Dig holes sufficiently large to amply accommodate the roots of the vine, and use only fine surface soil in filling in, mixing with a little ground bone. Spread the roots out after trimming them; place the stalk of the vine at one side of the hole and fill up with soil, pressing down firmly with the feet. Set a stake by the side of the stalk, to which the vine should be kept tied, which will be all the support needed for two years. Keep old wood trimmed off, growing fruit on new canes. Any manner of pruning that will admit the sun and air to the fruit will insure a crop. Generally the vines do best trained on trellises, and in localities where the winters are severe the vines can be pruned in the fall and then laid down on the ground where they are seldom injured by cold, even if not covered or otherwise protected.

Grape, Clinton. Bunches small and very compact; berries small; when thoroughly ripe is a good table grape and keeps well; valuable for wine. A free, rapid grower and profuse bearer; ripens earlier than the Isabella. Deserves to be more extensively grown by the amateur for the table on account of its valuable keeping qualities. Ea. **20c.**; 6 for **$1.**

—**Eaton.** In general appearance strongly resembles Moore's Early. Bunch very large, compact; berries very large, black, with blue bloom, skin thick, flesh juicy, with some pulp, though tender. Mid-season. Each, **30c.**, per doz., $2.

—**Pocklington** (Yellow). Bunch medium to large; berry large, round, of a rich yellow color; flesh, pulpy, juicy, and of good quality; ripens at the time of the Concord, vines vigorous, healthy, very hardy and productive, and is considered a very valuable and reliable variety, and is constantly growing in favor. Each, **25c.**; 5 for $1.



EATON

—**Niagara** (Light greenish white). Vine hardy, unusually strong grower; bunches very large and compact, sometimes shouldered; berries as large or larger than the Concord, mostly round; semi-transparent, slightly ambered in the sun; skin thin, but tough, does not crack; quality good, very little pulp, melting and sweet to the centre. Each, **25c.**; 5 for **$1.**

—**Moore's Early** (Black with heavy blue bloom). Bunch medium size, berry very large, better than Concord in quality, and with more pulp; vine a moderate grower, very healthy and hardy, moderately productive; a valuable market variety on account of its earliness, ripens some twenty days earlier than the Concord. Exempt from mildew and blight. Each, **25c.**; 5 for **$1.**

—**Worden** (Purplish black). In growth and habit very similar to the old Concord; bunch large, compact and handsome, ripens early and is of good flavor. It is very hardy and particularly well adapted for Canadian cultivation; one of the most popular market grapes now in use. Each, **25c.**; 5 for **$1.**

—**Lindley** (Rogers' No. 9). Bunch medium, somewhat loose, berry medium to large, round; color a rich shade of red, rendering it a very handsome and attractive grape; flesh tender, sweet, with a rich aromatic flavor; ripens soon after the Delaware; vine vigorous and productive. It sometimes fails to set a full crop. We regard it as one of the best red grapes in our collection. Each, **20c.**; 6 for $1,

—**Moore's Diamond** (Greenish white). A pure native, being a cross between Concord and Iona. Vine a vigorous grower, entirely hardy, with large, dark, healthy foliage. It is a prolific bearer, producing large, handsome compact bunches, slightly shouldered. The color is a delicate greenish white, with a rich yellow tinge when fully ripe; skin smooth, very few seeds, juicy and almost entirely free from pulp. Berry about the size of Concord, and adheres firmly to the stem. It ripens early. Each, **25c.**; 5 for **$1.**

GOOSEBERRIES

LANCASHIRE LAD GOOSEBERRY

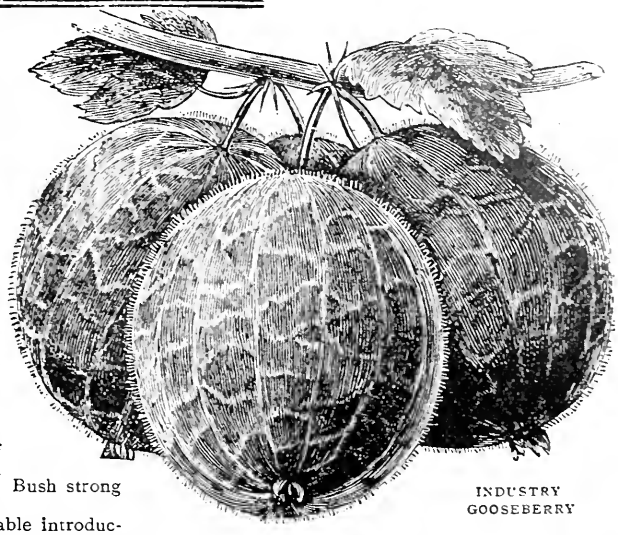
Plant in good rich soil and give a liberal dressing of manure every season. Regular pruning every year is essential for the production of fine fruit. The English varieties especially do best in partial shade, and should be heavily mulched. To prevent mildew spray bushes soon as leaves appear and several times during the summer, with potasium sulphide (liver of sulphur), one ounce to four gallons of water.

Two-year-old plants by mail, (post-paid).

Gooseberries, Industry. The best English Gooseberry; of vigorous, upright growth, and a greater cropper than any known variety; berries of largest size, 1½ in. in diameter, and of most excellent flavor, both pleasant and rich; color, when fully ripe, dark red. Each, 25c.; per doz., $2.50.

—Downing. The best of the American sorts and a vast improvement on the Houghton, of which it is a seedling. Fruit large, pale green, and of excellent quality, both for cooking and table use. Bushes stocky, vigorous, hardy, very prolific and nearly free from mildew, but densely clothed with large, sharp spines. The best for general planting. Ea., 15c.; per doz., $1.50.

—Lancashire Lad. One of the largest and best of the English varieties. Fruit smooth, bright red, extra size, fine quality, one of the best dessert berries. Bush strong grower and productive. Each, 30c.; per doz., $3.00.



INDUSTRY GOOSEBERRY

—New "Columbus." This is one of the most valuable introductions of recent years in small fruits, and it fully sustains the high opinion first formed of it. The fruit is of largest size, handsome, of a greenish yellow color, and the quality is excellent. The plant is vigorous, extremely hardy and productive, and does not mildew. It merits a place in every garden. The raisers of this variety say it out-crops the Industry, and is also superior in quality. Price, each, 40c.; 3 for $1.00.

RASPBERRIES

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best of fertilizers. There are two general types of Raspberries, and they require different treatment. Black Caps and others that increase from the ends of the canes should be planted 3 feet by 7; 1,074 plants to the acre, and plant potatoes, corn or beans half way between. Cultivate often enough to keep the soil loose and free from weeds. When the canes attain the height of 1 foot, pinch off the end. This causes the cane to branch, grow stocky and self-supporting. After fruiting cut out all the dead wood. Red Raspberries and others that sucker should be set 3 feet by 6 apart. Allow only 3 or 4 canes in each hill to grow; treat all others that spring up as weeds. When 3 or 4 feet high pinch back cane same as with Black Caps. The secret of raising fine crops of Raspberries is in rigorous pruning and keeping suckers down. If not checked the tendency is to mat the surface with canes, when very little fruit is secured. For field culture plant in rows about 5 feet apart, with plants 3½ feet in the row, except Cap varieties, which should be 6 by 3½ feet. For garden culture they may be set 3 feet apart each way, with Caps 4 by 3 feet.

At dozen prices we prepay postage; at hundred rates add 40 cents per hundred for mailing, if wished by mail; otherwise they will be shipped by express at purchaser's expense.

—Black Cap, Kansas. Strong, vigorous grower, standing extremes of drought and cold, and bearing immense crops. Early, color jet black, and almost free from bloom; firm, of best quality; presents a handsome appearance, and brings highest price in market. Every planter who wants a prolific, hardy, early berry of immense size, handsome appearance and superb quality should plant it. 3 for 20c.; per doz., 60c.; 100 for $3.00.

RED VARIETIES

(Special prices for large quantities on application).

—Cuthbert, or Queen of the Market. A remarkably strong, hardy variety; stands the Northern winters and Southern summers equal to any. Berries very large, measuring 3 inches around; conical; rich crimson, very handsome, and so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious. The leading market variety for main crop. 4 for 25c.; per doz., 75c.

—Loudon. A variety originating with that veteran horticulturist, F. W. Loudon, of Wisconsin, and claimed to be the greatest advance in red raspberries since Cuthbert. Its points of superiority are vigor of growth, large fruit, beautiful rich dark crimson color, good quality, and marvellous productiveness and hardiness, enduring winters without protection and without injury. It stands shipping the best of any variety, and will remain on bushes the longest without injury. 3 for 25c.; per doz., 80c.

—Marlboro is earlier than Cuthbert, yet continues longer in bearing. It combines the large size and superior qualities of the best foreign varieties. No variety heretofore introduced combines these excellencies so completely as this. 3 for 25c.; per doz., 75c.

BLACK VARIETIES

Raspberry, Ancient Briton. One of the best of hardy varieties; without blooming has worked its way on its own merits to the highest place as a profitable and valuable market sort. Very vigorous, healthy and hardy, producing large fruit stems loaded with good sized berries of fine quality, that carry well to, and fetch highest price, in market. For general planting for home or market in all sections subject to severe winters, the Ancient Briton is recommended as a first class variety; 3 for 25c.; per doz., 75c.; per 100, $5.

—Taylor. One of the largest, fruit of the best quality, melting and without core. Nearly as hardy as Snyder, berries much larger, one of the most productive; ripens late; very hardy. 3 for 20c.; per doz., 60c.; 100 for $3.

—Erie. One of the best hardy varieties, having stood unharmed a temperature of 25 degrees below zero; as vigorous as Kittatinny; very productive, not having failed in producing a fine crop each year since it originated; foliage clean and healthy, free from rust, fruit large, round, good quality. 3 for 25c.; doz., 75c.; per 100, $5.

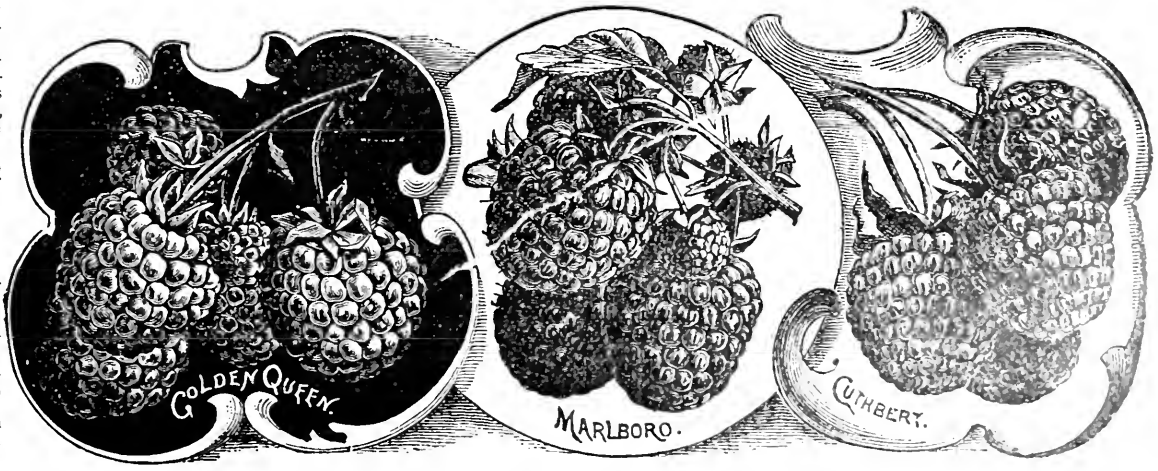
DEWBERRY

(OR CREEPING BLACKBERRY)

—Dewberry, Lucretia. In earliness, size and quality it equals any of the tall growing sorts perfectly hardy, healthy and remarkably productive. The fruit, which ripens early, is soft, sweet and luscious throughout, with no hard core; ripe before late Raspberries are gone. Should be mulched to keep berries from ground. The most profitable small fruit we cultivate. 2 for 25c.; doz., $1.

YELLOW VARIETIES

—Golden Queen. A beautiful large golden yellow berry seedling of the Cuthbert and surpassing that variety in size, beauty, quality and adaptability, succeeding in all sections. Canes hardy, of strongest growth, wonderfully productive. Should be in every home garden, its beauty and high quality placing it at the head for table use. 2 for 25c.; doz., $1.



STRAWBERRIES

On arrival of plants, unpack them at once, loosen the bunches and "heel" them in the ground or dip their roots in a "muddle," made by mixing earth in water until of the consistency of cream, and lay away in a cool, damp cellar, where they can neither dry nor freeze, until they can be planted in suitable weather. Do not leave in packages and pour water over them, as this will surely cause the plants to heat and spoil. In planting take but few plants from the trench or package at a time, and expose as little as possible to the wind or sun. Never plant on a windy day, and never in freezing weather. Do not plant very deep, but press the earth firmly about the roots. Should the weather be warm, shade valuable plants for a few days with a handful of coarse litter over each plant, or with berry boxes or baskets (old rejected ones are as good as any).

Strawberries will succeed in any soil that is adapted to ordinary farm or garden crops. Soil should be thoroughly prepared to a good depth, well drained and enriched. Vegetable manure (muck, rotten turf, wood soil, ashes, etc.) is the best. For field culture set in rows 3 to 3½ feet apart, 15 to 18 inches in rows; for garden, 12 inches apart each way, leaving pathway every third row. To produce fine, large fruit, keep in hills, pinching runners off as soon as they appear. Ground should always be kept clean and well cultivated. In winter a covering of leaves, straw or some kind of litter will protect the plants. Do not cover them until ground is frozen, or so deep as to smother the plants, and remove covering before growth starts in the spring. Mulching will keep the fruit clean and the soil in good condition through the fruit season.

The blossoms of all varieties are bi-sexual or perfect, except those marked with the letter P., which are destitute of stamens and are termed the pistillate or imperfect. Pistillate varieties must have a row of a perfect flowered sort planted every 9 or 12 feet among them, or, better yet, every third or fourth plant in the row to pollenize their blossoms

SAMPLE. NEW—(Mid-season)

Plants very strong in growth and have a healthy dark green foliage. Berries large, round or broad conical form and a very dark, rich crimson color. The flesh is dark, rich, juicy, and of very good quality and firm. The excellent plant qualities of this variety, its productiveness, and the fine form, handsome appearance and high quality of the fruit make this one of the most promising of the new sorts tried this year. Per doz., **40c.**; per 100, **$1.75**; by express, at purchaser's expense, **$1.50** per 100.

BRANDYWINE (Late)

The fruit is of exceedingly large size, very firm, solid and shapely for so large a berry; flesh red to the core, of delightful aroma, rich, juicy and luscious; the seeds are but slightly imbedded, which adds to its firmness; the color is of dark, rich, glossy scarlet; in productiveness it is a marvel, as well as for size and quality. The plants are vigorous, healthy and hardy. Growers in the vicinity of Toronto pronounce it a superior variety in all respects. Per doz., **30c.**, per 100, **$1.25**, (post-paid); per 100, by express, at purchaser's expense, **$1**; per 1000, **$6**.

NICK OHMER (Mid-season)

After watching the Nick Ohmer for four years, we are confident that it is one of the most desirable, if not the very best ever sent out. There is no other variety in the market that we would plant with as much confidence. If restricted to a single variety it would be our first choice. The plant is very large and stocky, sending out plenty of very strong runners. It is not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among strawberries. It is never misshapen. Its only departure from the regular, roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor. **40c.** per doz.: **$1 50** per 100, post-paid; by express, at purchaser's expense, **$1.25** per 100.

MARSHALL (Mid-season)

Of recent introduction, originating in Massachusetts; has now been tested in many localities, and all agree that it is a remarkable berry for its great size and quality. Plants strong and vigorous, with heavy, thick foliage, protecting the blossoms and roots; stands drought well. The fruit is of a dark crimson color, flesh fine and of delicious flavor; a firm keeper and carries to market well. Per doz., **30c.**; per 100, **$1.25**, post-paid; per 100, by express at purchaser's expense, **$1**; per 1000, **$6**.

GLEN MARY (Early)

A superb early variety, uniting large size, great productiveness and good quality in a remarkable degree, and is evidently one of those sorts that is especially adapted to the amateur and those who grow extra fine berries for the market. It is of extra large size, bringing the highest price in the market, bright glossy crimson, and fine in flavor. The plant is strong and healthy, very prolific, and on good soil the berries maintain their large size to the end of the season. We feel confident it will give great satisfaction, and all who delight in fine berries should not fail to set at least a few plants of it this season. Per doz., **40c.**; per 100, **$1.50** (post-paid); per 100, by express at purchaser's expense, **$1.25**.

New

WARFIELD, P. (Early to Mid-season)

Its handsome appearance, earliness, firmness, good flavor, productiveness and vigor of growth, make it exceedingly popular; berries grand and of a bright crimson color. While not a new variety, it is a favorite with all who grow it, as being one of the best marketing sorts; stands our winters well. Per doz., **25c.**; per 100, **$1.25** (post-paid); per 100, by express at purchaser's expense, **$1**; per 1000, **$5**.

CLYDE (Early)

This splendid new variety has fruit of enormous size, bright scarlet in color, in shape round and conical. It is one of the most productive varieties on record, stands the dry seasons well and has given immense satisfaction wherever grown, being a vigorous grower, early and of fine quality. Per doz., **30c.**; per 100, **$1.50** by mail (post-paid); by express at purchaser's expense, **$1.25**.

WM. BELT (Mid-season)

A most luxuriant grower and remarkably productive, medium early in ripening, extra large in size; color of a brilliant glossy red, long and conical in shape. It is as near perfection as possible, and we recommend it as one of the best for market purposes. Per doz., **40c.**; per 100, **$1.50** (post-paid); by express at purchaser's expense, **1.25** per 100.

THE STRAWBERRY-RASPBERRY

A most novel and beautiful dwarf-growing Raspberry of Japanese origin. Said to be a hybrid between the Strawberry and the Raspberry. In habit it is a spreading, low growing bush, producing its fruit in branching clusters at the end of the stems and well above the foliage. The fruit in form and appearance is about as good a combination of a strawberry and red raspberry as one could well imagine—in size, about midway between the two, and the form of neither, but halfway between each; being formed of drupes like a raspberry, but in color a crimson, and of delicious flavor. Dies down in winter, starting again in the spring more luxurious than ever. Well established plants, by mail, each, **20c.**

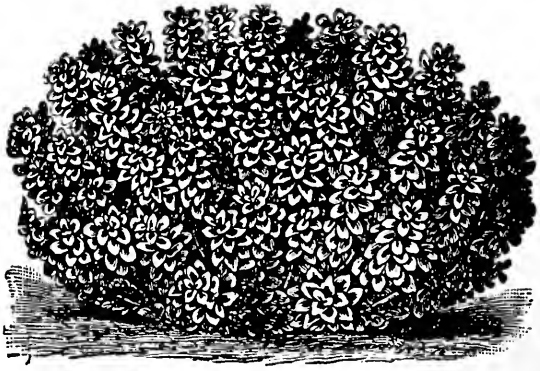
MAMMOTH SAGE LEAF

HERB PLANTS

New Golden Lemon Thyme. Is perfectly hardy, growing rapidly. The leaves are curiously edged and variegated with golden yellow. As an edging or border plant it has no superior. Each, **10c.**; 3 for **25c.**

Holt's Mammoth Sage. Very strong growing. Leaves are borne well above the soil, very large and of unusual substance, strong in flavor. Ea., **10c.**; 3 for **25c.**; 7 for **50c.**

Chives, Roots. Grown for their tops, used wherever the flavor of onions is required. Planted in clumps in any common garden soil, they will grow readily and increase. Perfectly hardy. Clumps, each, **10c.**; per doz., **1.00**



NEW GOLDEN LEMON THYME

HORSE-RADISH Sets, each, **5c.**; per doz., **50c.**

POULTRY SUPPLIES

RUST'S EGG PRODUCER

TRADE (THE HEN PERSUADER) MARK

Makes Hens Lay when Eggs are High Priced.

(Circulars on application).

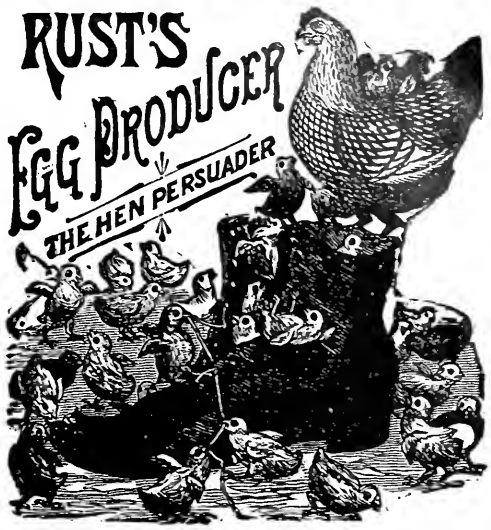
A scientific combination of substances, which when assimilated by fowls, produces eggs, plumage, growth and development, exactly as certain foods produce milk in cows, or fertilizers increase crops. It contains in addition valuable tonics and remedial agents which insure perfect assimilation and robust health, without which the best results cannot be attained. It makes hens lay in summer and winter. Lb. pkts., 25c. (by mail, post-paid, 30c.); 2½ lb. box, 50c. (by mail, post-paid, 60c.); 6 lb. box, $1; 10 lb. box, $1.50, by express or freight only at purchaser's expense.

RUST'S HAVEN'S CONDITION POWDERS

The only positive Preventive and Cure for Gapes and Poultry Cholera, and the best Medicine for Horses, Cattle, Sheep and Hogs.

We warrant Haven's Climax Condition Powders to be free from Antimony, Arsenic, Alum, Resin, Saltpetre and all harmful ingredients, and to be entirely unlike any other preparation. It is not a food, but an honest medicine at an honest price. Liberal packages, weighing 14 ozs., 25c. (by mail, post-paid, 30c.); 5 lb. box (equal to six 25c. pkgs), $1, by express or freight.

Try it once and you will always use it.



RUST'S LICE KILLING POWDER

This powder kills lice and other vermin on Poultry, Animals, Plants, or on anything. It does not affect the flavor of the eggs or injure them for hatching, when fowls and nests are dusted with it.

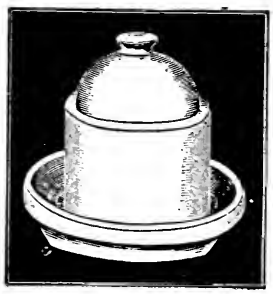
This is absolutely the best louse killer in the market. It is not a poison, but a lasting, convenient, and cheap powder which works without injury to either eggs or chickens. It is entirely reliable in Poultry Houses, Stables, Pigeon Lofts, Kennels, or wherever lice are to be found. We confidently recommend this as being the best yet put before the public. Per lb. package, 25c. by mail, post-paid, 30c.

STONE DRINKING FOUNTAIN

Is designed so that it is quite easily cleaned, easily filled, thus overcoming the difficulty of the ordinary fountain. Each, 40c., by express at purchaser's expense.

TRADE NO LICE ON ME I USE RUST'S LICE KILLERS MARK

TRADE MARK



PRATT'S POULTRY FOOD

Absolutely pure and free from poisons and all other injurious ingredients.

One ounce of Pratt's Poultry Food equal to two tablespoonfuls. Positively cures and prevents Chicken Cholera, Roup, Gapes and all diseases of the flock. It regulates the bowels, blood and digestive organs, and produces bone, muscle, feathers and a larger Fowl. Young chickens grow quickly and free from disease. Sickly broods are never seen when Pratt's Poultry Food is used according to directions. Hens lay regularly when Pratt's Poultry Food is fed. Turkeys, Ducks and Geese grow larger, and are healthier, and Pigeons flourish on Pratt's Poultry Food.

Directions.—For young Chickens, Turkeys, Ducks or Geese, mix one ounce with the feed of fifteen or twenty every other day. Large Chickens, Turkeys, Ducks or Geese, mix one ounce with the feed of fifteen or twenty every day. Pigeons same as young chicks. In case of disease double the dose, or should the fowl be unable to eat, make a gruel of Pratt's Poultry Food, and pour it down the throat with a spoon. Per package, containing 26 ozs., 30c.; or 40c., post-paid.

RUST'S HAVENS' ROUP PILLS

These pills act directly on the glands and mucous membrane, allay all tendency to fever, and carry off all morbid matter from the system. They are entirely free from everything harmful, and are believed to be the best remedy ever discovered for Roup, Catarrh, Colds and distemper. They are unlike any other medicine, and being composed of medicines in concentrated form, they are of moderate size, and are therefore easy to give to fowls. Price, per box of 48 pills, post-paid, 25c.

CRUSHED OYSTER SHELL

This is the most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer, when left to run at large, they can find their own shell-making material, but when everything is frozen over or covered with snow, they must be helped if eggs are wanted.

Price	**No. 1, Coarse Crushed**	20 lbs.,	25c.;	100 lbs.,	90c.
"	**No. 2, Medium "**	20 "	25c.;	100 "	90c.
"	**No. 3, Fine "**	20 "	25c.;	100 "	90c.
"	**No. 4, for Pigeons "**	20 "	25c.;	100 "	90c.

MICA CRYSTAL GRIT

One of the principal reasons why so many persons do not have success in raising poultry, is that the poultry cannot obtain sufficient grit to enable them to masticate their food in a proper manner, and strange to say, this is greatly neglected by a great many. It is necessary to feed them some gritty material. There is nothing better than our Grit to supply this want. 20 lbs, 25c.; 100 lbs., 90c.

RUST'S HAVENS ROUP-PILLS

GRANULATED POULTRY BONE

Is about the size of wheat, and can be fed like any other food in grain, about one handful to every five fowls daily, or every other day. In either manner it furnishes valuable food for poultry at all seasons of the year. 10 lbs., 25c.; 100 lbs., $2.00.

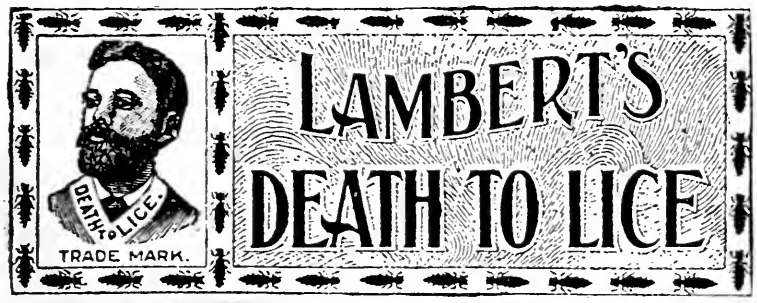
CLOVER MEAL

Superior to cut clover, from the fact that there is no waste, and every particle is digestible. 5 lbs., 20c.; 10 lbs., 30c.; 25 lbs., 60c.; 50 lbs., $1.00.

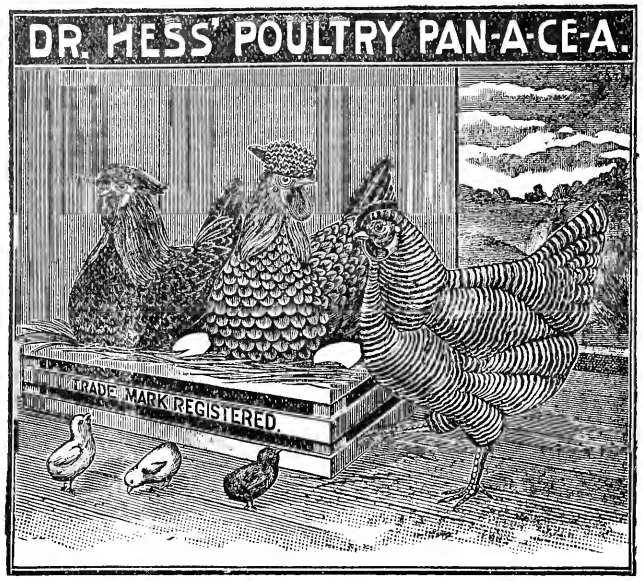
LAMBERT'S DEATH TO LICE

A DISINFECTANT INSECT POWDER

For lice on Setting Hens, Laying or Exhibition Stock, it works immediately without injury to the eggs or chickens. Does not soil plumage, yet purifies and cleanses down to the skin. Also invaluable for lice on Horses, Cattle or Plants, Ticks on Sheep, Fleas on Dogs, Moths in Carpets or Furs. In fact lice on anything can be exterminated by a liberal use of this powder. Price, 5 oz. box, 10c.; 15 oz. box, 25c., post-paid, 30c.; 48 oz. package, 50c., post-paid, 60c.



MANN'S BONE CUTTERS are the best; do not be humbugged into buying a cheap machine,



THE TORONTO INCUBATOR

Best machine manufactured for hatching chickens, ducks, turkeys or geese. No incubator has as good a record in the hands of Canadian customers; we have numerous testimonials of hatches ranging from 90 to 100 per cent. of the fertile eggs. These machines have won two silver medals, a bronze medal and two diplomas at Toronto Industrial Exhibition, defeating all competitors. Price, 120-egg capacity, **$20**; 220-egg capacity, **$30**; 350-egg capacity, **$38.**

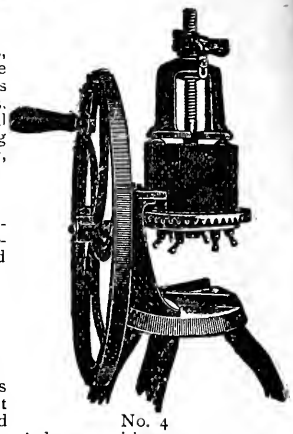
TORONTO BROODERS

Have no superiors as rearers of incubator hatched chickens, built for indoor and outdoor work. Prices from $8 upwards. Catalogue with full description of incubators and brooders free on application.

MANN'S BONE CUTTER No. 4

(An outgrowth of, and improvement upon, the old No. 3).

It is the most perfect Bone Cutter ever made.



No. 4

It surpasses all others in easy and rapid cutting. It feeds automatically, leaves both hands free to operate and cannot run hard or clog. The cylinder has been greatly enlarged and bones do not have to be cut so small as before. The feed screw is larger, with a square, coarse thread which will not break, wear out or crush down. The cutter plate has been enlarged, has six specially improved steel knives in place of three, with a rim to guard the gears, which prevents bone or meat getting into them and clogging. All parts are strongly built; wt. 100 lbs.

The Automatic Governing Spring Feed is protected by patent, and is found only on Mann's Bone Cutters. The value of this attachment cannot be too highly estimated. It is the only feed ever made that actually controls the power required in turning, so that any and all kinds of bone, either hard or soft, cut equally easy. This No. 4 cuts finer than any machine we ever produced, fine enough for the smallest chicks. Price, with stand, each, **$16.50**; without stand, each, **$14.**

DR. HESS'
POULTRY PAN-A-CE-A

MAKES HENS LAY

Prevents all Diseases and Cures Roup, Cholera, Gapes, Leg Weakness, etc.

For chickens, turkeys, ducks and geese—something every poultry man needs to have success in the business. It promotes the general good health of the fowl, greatly quickening digestion, and being a tonic works all the various organs like a piece of machinery.

Use Pan-a-ce-a and make your hens lay when eggs are a high price. It is very valuable for young chickens when they are growing, it aids plumage and gives them a vigorous foundation.

Good for Moulting Hens.
Good for Turkeys young and old.
A positive preventive against all Diseases of Poultry

Price, 24 oz. package... 35c.; by mail, post-paid, 40c.
" 5 lb. " ... 85c.; " " $1.10

PROFITS IN POULTRY
Useful and Ornamental Breeds,
Is an exceedingly valuable book for all poultry keepers.
Price, $1.25 ea., post-paid

MANN'S BONE CUTTER

No. 1. Weight, 55 lbs.

Its working parts are similar to Nos. 2 and 4, but of smaller size and capacity. Can be readily attached to a table, bench or stand, and will be found profitable and convenient for cutting bones for poultry, where sixty hens or less are kept. Price, with stand, each, **$12.50**; without stand, each, **$9.50.**

MANN'S STANDARD BONE CUTTER

No. 2. Weight, 142 lbs. (See Fig. No. 2).

Capacity ½ lb. to 1 lb. per minute. The cut represents the largest and latest improved hand machine. We recommend this size and style for all who have a number of fowl, believing it to be the simplest and most economical machine that can be made for converting green bones, with the meat and gristle attached, into poultry food. The knives are made of the finest tool steel, and can be easily removed and sharpened when necessary. The machine is fitted with automatic feed handle. Price, each, $21

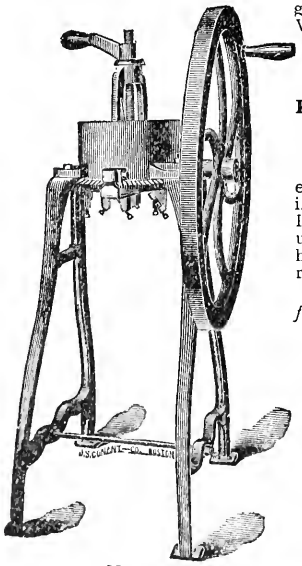
WILSON'S LITTLE GIANT MILL

This mill is especially adapted for grinding dry bones, shells or grain for poultry. If the bones are perfectly dry it will grind them very quickly and in a thoroughly satisfactory manner. It will crack a peck of corn in twenty minutes. If it is desired to grind corn fine run through twice. Price, without legs, **$5**; with legs, **$7.**

FAMILY GRIST MILL, No. O

This mill is specially made for grinding Graham flour or corn-meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen as you can have fresh Graham flour or corn-meal when wanted. The grinding surfaces are very hard, made for this purpose. Weight, 30 lbs. Price, without legs, **$5**; with legs, **$7.**

Circulars for larger Mills on application.



No. 2
MANN'S STANDARD BONE CUTTER

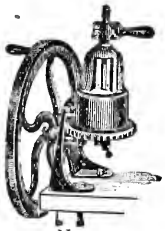
INSTANT LOUSE KILLER

Kills Lice, Ticks, Fleas, Moths, Ants, and all kinds of Vermin. A Great Deodorizer and Disinfectant

SURE DEATH TO LICE. Probably no single enemy is so universal among stock and poultry as lice. Realizing these facts we have been prompted to formulate an Instant Louse Killer. It is not a poison, but lasting, effectual, convenient to use, and the cheapest article that can be had. It is put up in round cans, with perforated lids, ready for use.

This Louse Killer is positively guaranteed to give satisfaction, or money refunded.

Price, per package, 35c., by mail, (post-paid) 40c.



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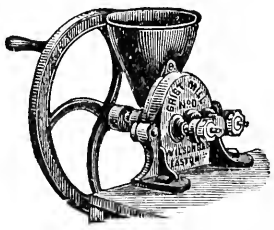
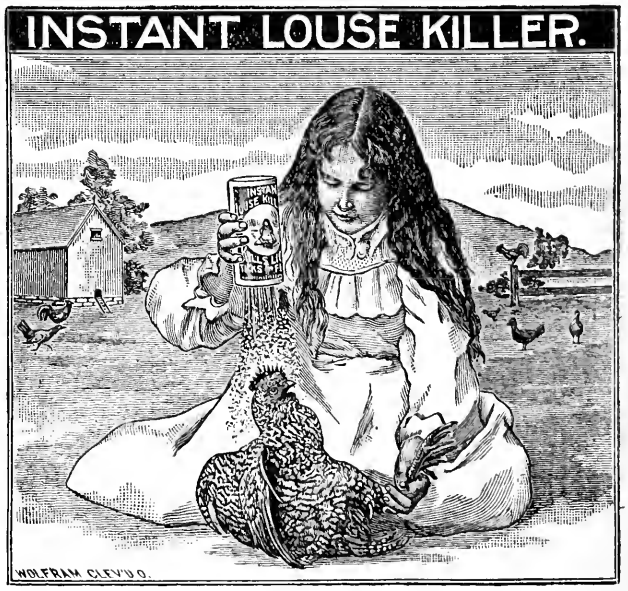




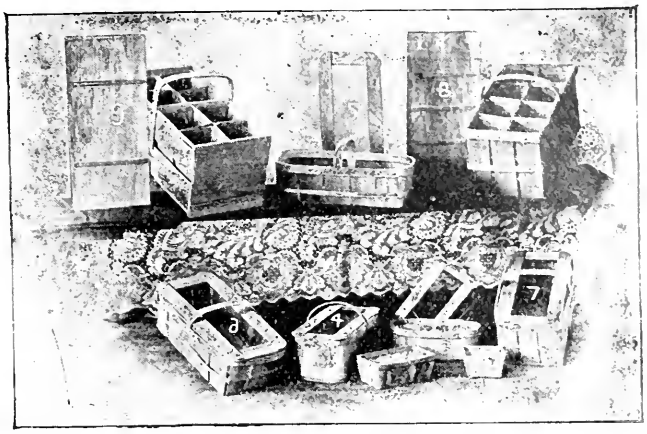
Buy a Mann's Bone Cutter. They are the Best. Do Not be Humbugged With Buying a Cheap Machine.

THE PARAGON CORN PLANTER.

The Paragon is the cheapest and best corn planter on earth. It will pay you to buy one. As a labor saver in a corn planter it stands unrivalled. The working parts are simple and durable. It has been used for a number of years and has given the best possible satisfaction.

DIRECTIONS.—To regulate the number of grains to be dropped in each hill, remove the slide that passes through the planter and you will see a piece of brass that is held by a small screw; by loosing this you can set for any number you wish. After regulating try it on the floor. The planter is used as a walking stick with the automatic foot forward, and as the man steps ahead it will strip the planter. **Price, $1.25 each.** By express at purchaser's expense.

THE PARAGON CORN PLANTER

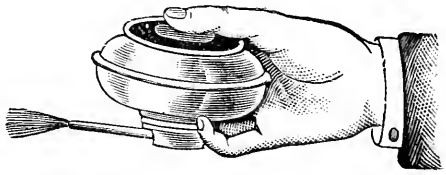


BASKETS

No. 1, **Berry Boxes.** Price per 10,000, $29; per 1,000, $3; 100, 40c.
" 2, **Plant Boxes.** Per 1,000, $6.50; per 100, 75c.
" 3, **5-lb. Grape Basket,** without covers, per doz., 45c.; per 100, $3.50; with covers, per doz., 60c.; per 100, $4.50.
" 4, **10-lb. Grape Basket,** without covers, per doz., 45c; per 100, $3.50; with covers, per doz., 60c.; per 100, $4.50.
" 6, **12-quart Fruit Basket,** without covers, per doz., 50c.; per 100, $4; with covers, per doz., 70c.; per 100, $5.50.
" 7, **16-quart Fruit Basket,** without covers, per doz., 55c.; per 100, $4.25; with covers, per doz., 75c.; per 100, $5.50.
" 8, **24-quart Shipping Crate,** per doz., $1.50; each, 15c., including covers.

FLOWER STANDS

These we carry in stock of various sizes, 36 inches in width, 6 feet 3 inches high. Price, $5 each. 42 ins. in width, 6 feet 3 inches high. Price, $5.50. The style shown is half round.



POWDER GUN FOR INSECTICIDES

Large size, 50c. Small size, 25c.

STANDARD THERMOMETERS
Warranted Correct

STANDARD GRADE "Air Scale"

Made with seasoned tubes, graduated in single degrees, tubes mounted by clasps on heavy metal, very accurate.

No. 105—8-inch Thermometers, each, 80c.; 10-inch, $1.00; 12-inch, $1.20, post-paid. Ordinary Tin Case. Post-paid, 7-in., each, 30c.; 8-inch, 40c.; 10-inch, 45c.

HOUSEHOLD THERMOMETERS—STANDARD GRADE

Standard Grade Household Thermometers are made with thoroughly seasoned and carefully tested extra heavy tubes, mounted with screw clasps, the scales are of heavy metal, finely finished.

No. 613—8-inch Thermometer, round bulbs, polished antique oak or ebonized cases. Price, each, $1.10; 10-inch, $1.30, post-paid.

REGISTERING THERMOMETERS

No. 100—12-inch Standard Maximum and Minimum Registering tubes mounted together on same plate. Price, each, $3.75, post-paid.

INCUBATING THERMOMETERS—STANDARD GRADE

Thermometers for this purpose should have thoroughly seasoned tubes and be specially tested. No ordinary Thermometer will answer the purpose.

No. 247—6-inch Flanged Metal Scale, specially tested and very accurate. Price, each, 55c., post-paid.

No. 355—**Imported German,** all glass, for propagating beds and hot-beds, valuable for dairy work. 25c. each.

HOT-BED THERMOMETERS

No. 663—10-inch Thermometer, in round turned wood case with pointed brass bottom. Each $1, post-paid.

"QUEEN CITY" LAWN MOWER

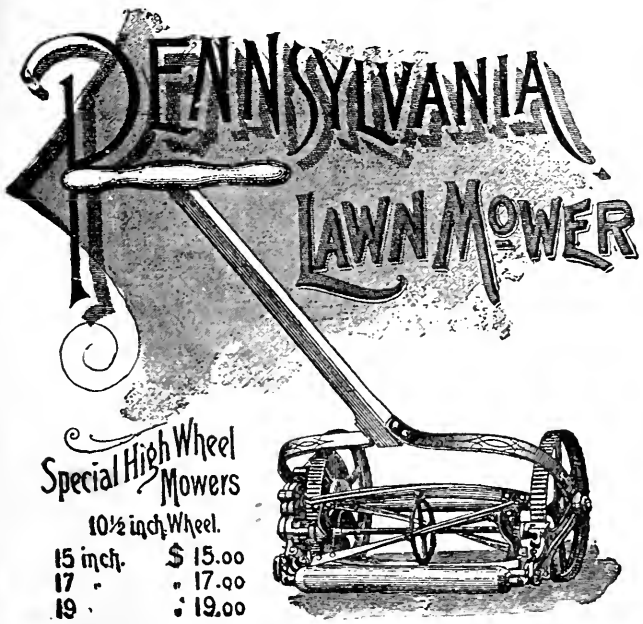
For the benefit of those of our customers who wish a really good medium priced mower we offer the "Queen City." We can recommend this as being the best machine for the money ever put before the Canadian public. The bearings are brass; driving wheel is 10 inches high, and the cutter knives and blade are made of the finest steel obtainable. Price, 14-in., $6.50; 16-in., $6.75; 18-in., $7.25

LAWN MOWERS
"PENNSYLVANIA"

Points of merit: Most perfectly constructed machine made; strong, durable, easily adjusted, has a rear cut, runs easily, almost noiseless, will cut long grass, leaves surface perfectly smooth; knife works from either wheel, few repairs, the favorite machine, and receives highest awards everywhere. If requiring a Lawn Mower select a "Pennsylvania." "Note prices."

THE NEW "BALL RATCHET"

The greatest virtue any mechanical device may possess is effectiveness for the purpose it is intended, combined with simplicity of construction. This mower possesses both these advantages. Its work is always smooth and clean, its operation easy, and its construction so simple that a novice easily comprehends it at a glance. We guarantee that this mower will do satisfactory work. It is made of good material, and its workmanship, finish, construction, adjustment, everything about the mower, in fact, is of first quality. All parts are interchangeable and in case of wear or breakage can be duplicated. Diameter of traction wheels, 8¼ inches; diameter of reel, 5½ inches. Made in 12, 14, 16 and 18-inch sizes. Painted in red and green and decorated in gold. Price, 12-in., $3.75; 14-in., $4 16-in., $4.25.



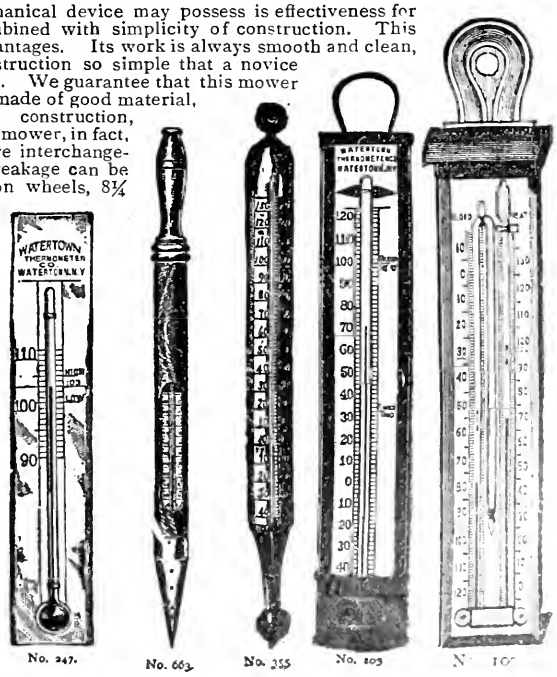
CONTINENTAL

This is one of the best high-grade Mowers. It is made of best material and workmanship. We can recommend it. Drive wheels, 8 ins. high. Price, 14-in. cut, $11; 16-in., $12.50; 18-in., $14.

HORSE LAWN MOWERS

Circulars and prices on application.

THE PENNSYLVANIA AND CONTINENTAL MOWERS ARE THE FINEST CONSTRUCTED MACHINES UPON THE MARKET.



EMPIRE STOCK FOOD

Please do not confound **EMPIRE STOCK FOOD** with any other similar food or condition powders. Empire, while it tones up, is also a food in itself, and strengthens; nothing but benefit can result from it, either used regularly or occasionally. We guarantee it to contain nothing injurious, and to be compounded of only the finest ingredients. A trial will prove its value.

EMPIRE STOCK FOOD is put up in bags of the following sizes and prices:

4 lb. bag	$0 35	50 lb. bag	$2 50
10 "	0 70	100 "	4 50
20 "	1 10		

Prepaid to any station in Ontario on shipments of 100 lbs. and upwards. For other provinces, special rates for delivery will be made on application.

A tin measure in every bag, on which directions for use are printed. None genuine unless the package bears our Registered Trade Mark.

If your dealer does not keep **EMPIRE STOCK FOOD** send direct to us. If wanted by mail add **5** cents per lb. Circulars on application.

. . . BIRD SEEDS . . .

"Favorite" Mixed Bird Seed. Particularly relished by canaries. Per pkt. (post-paid) 13c., 2 for	25c.
Sunflower (post-paid) per lb	10
Parrot Food (post-paid) per lb	15
Canary " "	12
Hemp " "	12
Lettuce (post-paid) per lb	35c.
Maw " "	25
Millet " "	10
Rape " "	10
Bird Cake, per cake	5
Cuttle Fish Bone, per oz., 10c.; per lb	85

TREE AND HEDGE SEEDS

CULTURAL DIRECTIONS GO WITH EACH PACKAGE

Deciduous Tree Seeds

Manitoba or Ash Leaf Maple (*Acer Negundo*) Per lb., 75c.; oz	10c.
Sugar Maple. Lb., $1.50; oz	20
Hardy Catalpa (*Catalpa Speciosa*). Lb., $1 25; oz	15

Evergreen Tree Seeds

Austrian Pine. Lb., $1.50; oz	15c.
Norway Spruce (*Picea Excelsa*). Lb., $1; oz	10
Scotch Pine (*Pinus Sylvestris*). Lb., $2; oz	20c.
Arbor Vitæ (*Thuja Occidentalis*). Lb., $2.50; oz	25

Hedge Seeds

Honey Locust (*Eledelchea Triancanthos*). Lb., 50c.; oz	10c.
Buckthorn (*Rahmnus Cathartica*). Lb., $1.25; oz	10
Osage Orange (*Maclura Aurentiaca*). Lb., $1; oz	10
Barberry (*Berberis Vulgaris*). Lb., $1.50; oz	15

Agricultural and Horticultural Books

All Books Sent Post-paid on Receipt of Price

American Standard of Perfection on Poultry	$1 25
New Egg Farm (Stoddard). On the management of Poultry Paper	1 00
Asparagus Culture (Barnes' and Robinson's)	50
Barry's Fruit Garden, new edition	2 00
Barn Plans and Outbuildings, 257 illus	1 50
Bulbs and Bulbous Plants, very complete, 24 pages	25
Bulbs and Tuberous-Rooted Plants. C. L. Allen	2 00
Cauliflowers, and how to Grow Them (Brill)	25
Chrysanthemum Culture for America. Their history, classification and care; illustrated. By James Morton	70
Farming for Boys	1 25
Fertilizers, a New Edition, where to get formulas for various crops, how to apply. J. J. H. Gregory	40
Fuller's Grape Culturist	1 50
Fuller's Small Fruit Culturist	1 50
Gardening for Pleasure. Henderson	1 50
Gardening for Profit. Henderson. Cloth	2 00
Gardening for Young and Old. J. Harris	1 25
Hand Book of Plants, Henderson's	4 00
Harris on the Pig	1 40
Hints on Dog Breaking (Wm. Floyd)	60
Homes for Home Builders	1 50
Hop Culture	$0 35
Horticulturist's Rule Book. We recommend this book very highly. Cloth	75
How the Farm Pays. A very instructive book	2 50
How to Kill Rats, Gophers, etc. Reliable	25
House Plans for Everybody	1 40
How Crops Grow. Prof. S. W. Johnson	2 00
How Crops Feed. Prof. S. W. Johnson	2 00
Insects Injurious to Fruits. Prof. Saunders	2 00
Injurious Insects, Plant Diseases and Their Remedies (Henderson)	30
Keeping One Cow	1 00
My Handkerchief Garden. C. Barnard, paper	25
Mangolds, Treatise on, by J. J. H. Gregory	30
Money in the Garden, by P. T. Quinn	1 40
Mushroom Culture, Robinson's, cloth, illus.	50
New American Farm Book. By L F. Allen. New and enlarged edition	2 50
New Potato Culture. By E. S. Carmen, late Editor of the Rural New Yorker	50
Onions. How to raise them profitably. By J. J. H. Gregory	30
Onion Culture, New Method. By Grainor. It will pay you to buy this book	50
Our Farm of Four Acres	30
Practical Floriculture	1 50
Practical Forestry, by A. S. Fuller, illus	$1 50
Practical Pigeon Keeper (Wright)	1 50
Practical Taxidermy and Home Decoration	1 00
Prairie Experience in Handling Cattle and Sheep	1 00
Principles of Dog Training (W. C. Percy).	60
Profits in Poultry, Useful and Ornamental Breeds	1 25
Rarey's and Knowlton's Complete Horse Tamer	60
Roe's Play and Profit in my Garden	1 75
Parsons on the Rose	1 00
Strawberry Culturist (Fuller's)	25
Squashes, Treatise on, by J. J. H. Gregory	30
Success with House Plants (for women), by Hillhouse	50
Success in Market Gardening (Rawson's)	1 25
Talks on Manures, by Jos. Harris. New and revised edition. A good book Cloth	1 65
Ten Acres Enough	1 00
Tobacco Culture, by Fourteen Experienced Cultivators	25
Tomato Culture (A. I. Root)	35
Wheat Culture (Curtis) Paper	50
Woodward's Suburban & Country Home	1 00
Window Flower Garden. A practical work	75
Your Plants, House and Garden	40

LITTLE GIANT HAND BROADCAST SEED SOWER

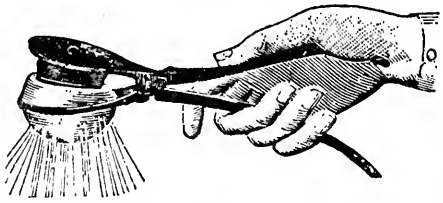
This machine does perfect work in the easiest and simplest manner. It is strong and light, weighs 3 lbs. It will distribute to the round—wheat, 50 feet; flax seed, clover and oats, 36 feet; timothy, 27 feet; and will sow 20 acres per day. We highly recommend this labor-saving machine, and are sure it will prove entirely satisfactory. **Price, Crank Seeders, each, $2.25, post-paid, $2.75. Fiddle Bow Seeders, $1.75, post-paid, $2.25.**

ATOMIZER AND SPRINKLER

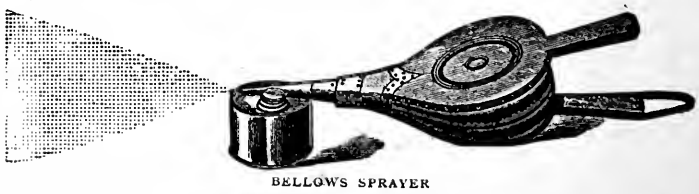
Spray appears like fog. Best clothes sprinkler in the world. Sprinkles so evenly. Excellent for flowers and house plants. Moistens them as if by a fog. Fills instantly. Uses impossible to describe. Sells on its own merits. 50c. each, post-paid. Rubber balls, 25c. each extra.

EXCELSIOR BELLOWS SPRAYER

This is without doubt the best and cheapest instrument on the market for spraying cattle, sheep, pigs, poultry houses, small fruits, house plants, etc. It throws a spray as fine as mist, rendering the use of strong solutions perfectly safe, and uses half the quantity a syringe does. You can spray sideways, upward or downward, as occasion may demand. It is one of the best sprayers for putting on Paris Green ever known, and for spraying house plants it has no equal. Price, each, $1.50. An attachment for blowing powder, such as Hellebore, etc., on small fruits, can be had for 25c. extra.

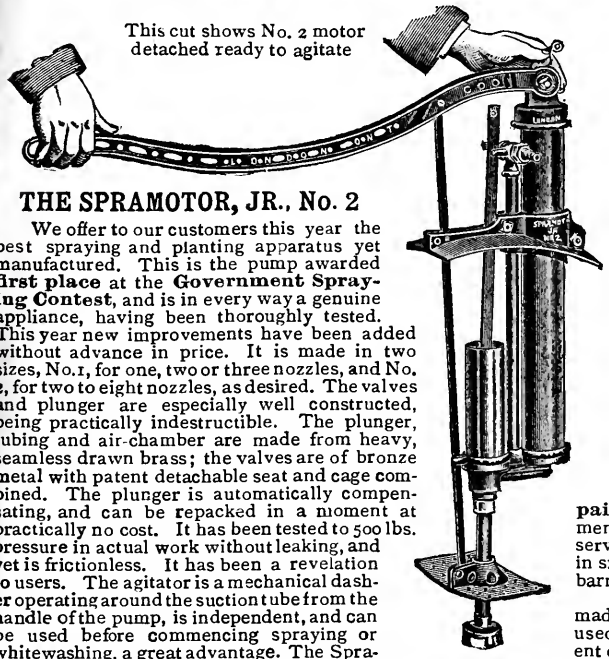


ATOMIZER



BELLOWS SPRAYER

STEELE BRIGGS' "ROYAL GIANT" SUGAR BEET IS THE BEST FOR FEEDING STOCK. DON'T FAIL TO GIVE IT A TRIAL.



This cut shows No. 2 motor detached ready to agitate

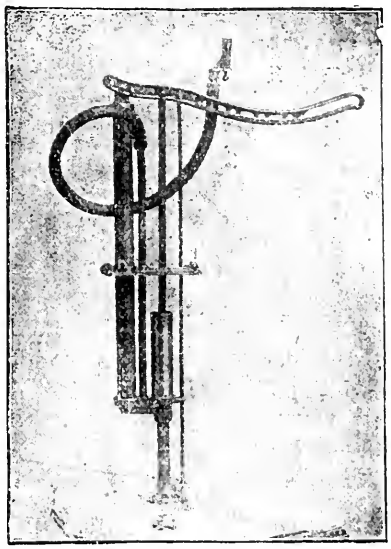
THE SPRAMOTOR, JR., No. 2

We offer to our customers this year the best spraying and planting apparatus yet manufactured. This is the pump awarded **first place** at the **Government Spraying Contest**, and is in every way a genuine appliance, having been thoroughly tested. This year new improvements have been added without advance in price. It is made in two sizes, No. 1, for one, two or three nozzles, and No. 2, for two to eight nozzles, as desired. The valves and plunger are especially well constructed, being practically indestructible. The plunger, tubing and air-chamber are made from heavy, seamless drawn brass; the valves are of bronze metal with patent detachable seat and cage combined. The plunger is automatically compensating, and can be repacked in a moment at practically no cost. It has been tested to 500 lbs. pressure in actual work without leaking, and yet is frictionless. It has been a revelation to users. The agitator is a mechanical dasher operating around the suction tube from the handle of the pump, is independent, and can be used before commencing spraying or whitewashing, a great advantage. The Spramotor is all brass except the suction tube and the agitator, which are only made of brass when so ordered.

Spramotor No. 1, with 10 feet of hose, couplings and one nozzle, **$10.75**; with 10 ft. of hose, couplings, and two nozzle cluster, **$12.00** By express or freight at purchaser's expense.

SPRAMOTOR, JR.
OUTFIT F

This outfit is complete in every respect, and with it any kind of work can be done that can be accomplished with one nozzle. When attached to our patent five gallon can, it is a most portable device; can be carried about by one hand or by means of the handles provided. The can has a raised bottom and heavy flanged rim, on which the can rests. Our patent catches allow the lid to be instantly removed. It effectually prevents any splashing, and a lady can use the apparatus at any class of work or with any kind of mixture and not soil her dress. They can be refilled (without removing the Spramotor), through the hand-hole provided with cover for that purpose. As all the work of pumping is done on the down stroke, there is no tendency to lift the can in raising the handle of the pump. The stroke of Spramotor, Jr. is four inches, and the diameter of the plunger is 1⅜ inches, and a vapor spray can be developed easily. One operator is all that is required to properly use it. Price, complete, including can and iron extension rod, **$8.25**; with bamboo extension rod, **$10.60**. By express or freight at purchaser's expense.



THE SPRAMOTOR, JR.

THE SPRAMOTOR, JR.

The Spramotor, Jr. is a brass **spraying** and **painting** machine which is intended to fill the requirements and supply the demand for a good durable and serviceable machine that will do the necessary spraying in small places, and also one that can be used for pail or barrel. It has been thoroughly tested and warranted the same as all the Spramotor goods.

The strainer is brass and can be taken apart without tools. The agitator is mechanical, being made in brass and operating around the suction tube and actuated from the handle admits of its being used independently of the pump, a vital feature. The valves are bronze metal, and are controlled by patent detachable bronze metal seat and cage combined. The plunger is the latest patent and is a revelation. It can be repacked in a moment without the use of tools and at no cost. It is automatic, using up all the packing, and is frictionless. The whole pump is brass, except the air-chamber and handle. The mechanical construction of the entire outfit is strictly high grade and up-to-date, giving the greatest durability at the lowest possible price.

Price, complete with 2½ feet of heavy hose and Spramotor or Spramotor Vermorel Nozzle, **$6**. Five gallon extra heavy galvanized can, extra. **$1.50**. By express or freight at purchaser's expense.

Spramotor, Jr. No. 2, with two lines of hose each 10 feet long, with couplings attached and two Spramotor nozzles, **$15.50**. By express or freight at purchaser's expense.

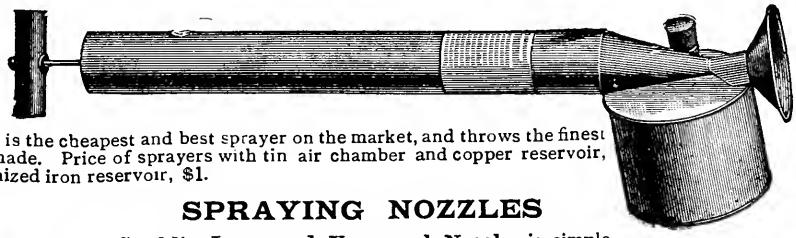
Bamboo extension rods, with drip guard, length 8 or 10 feet, each, **$2.50**. Iron extension rod, length, 8 feet, **50c**. Stop-cocks, each, **75c**. By express or freight at purchaser's expense.

"LITTLE GIANT" BUCKET BRASS SPRAY PUMP

The spray pump is constructed entirely of brass, a material that is not affected by the poisonous arsenics used in different formulas for spraying fruit trees, vines and shrubbery. It is so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The operator is enabled to keep a constant pressure on the nozzle of from 50 to 100 lbs. with but very ordinary exertion. It will throw a solid stream 50 feet, and is of unusual value for washing windows, buggies, sprinkling lawns, flowers, etc. For spraying it is arranged so as to discharge a fine jet in the bottom of the bucket and keep the solution thoroughly mixed and agitated, a feature peculiar to this pump only, and a very necessary feature to a spray pump. Price, each, **$3.50**. By express or freight at purchaser's expense.

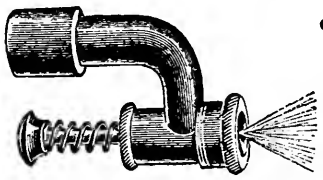
OUTFIT F

MITCHELL HAND SPRAYER



Good For spraying cattle, fruit trees, etc., it is unsurpassed, and for putting Paris Green on potatoes it has no equal. It is the cheapest and best sprayer on the market, and throws the finest spray of any machine made. Price of sprayers with tin air chamber and copper reservoir, **$1.25** each; with galvanized iron reservoir, **$1**.

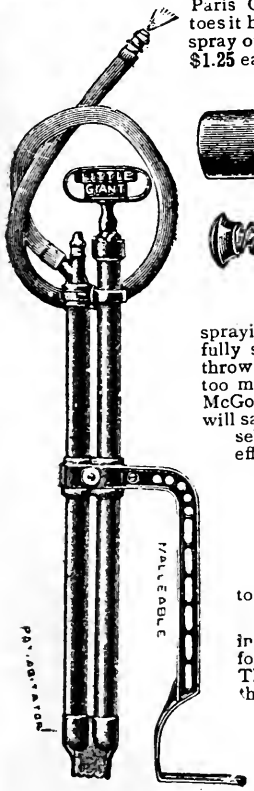
SPRAYING NOZZLES



VERMOREL

Gould's Improved Vermorel Nozzle is simple in construction, and can be used for anything from a thick paste to the thinnest liquid. The difficulty with most Nozzles is that they do not throw a real spray, which is absolutely indispensable in order to do work well and economically. We can confidently recommend this as a good article at a fair price. Each, **75c**.

McGowan Nozzle. These Nozzles are the result of several years' experimental work in the construction of one which would be free from defects. In spraying an apple orchard it was found that one of the worst features of spraying nozzles is their liability to clog, unless the liquid thrown is more carefully strained than is practicable in field work. In addition to this, nozzles which throw a fine spray do not concentrate sufficiently upon a given point, but cover too much area, wasting much liquid. Now all these difficulties are overcome in the McGowan, and there is no exaggeration in saying that the nozzles here described will save no end of time, patience and money to the fruit growers who avail themselves of their advantages. These nozzles are the most practicable, most efficient, and the best constructed of any made. Price, **$1.25** each.



LITTLE GIANT BUCKET SPRAY PUMP

THE "EUREKA" POWDER DISTRIBUTOR
or
DRY POWDER SPRAYER

Thousands are in use in Canada and United States. Try one. Guaranteed to save both time and money.

For applying pure dry **PARIS GREEN** and other insectides for destroying **POTATO BUGS** and other injurious insects. It does away with the former slow and laborious process of applying mixtures in water and plaster. The process is a quick and effective one, and every farmer should have one of these machines.

For **Lightness** and **Durability** the **Insect Powder Distributor** has no equal. Price, **$5** each, by express or freight at purchaser's expense

"EUREKA" POWDER SPRAYER

SPRAY YOUR FRUIT TREES, IT WILL PAY YOU.

ORDER NOW YOU ARE SURE TO WANT THEM

USE Whale Oil SOAP TO KILL THE ROSE BUG

GREEN FLY RED SPIDER BLIGHT MEALY BUG SCALE THRIP

Little's Antipest.—This invaluable preparation may be freely used in conservatories, greenhouses and in the garden. It is non-poisonous and harmless to vegetation, when diluted according to the accompanying directions. Gardeners will find this a simple, hardy and cheap remedy against the attacks of insect pests. It mixes instantly with cold water in all preparations. Price, ½ pint bottles, **50c.**; 1 pint bottles, **75c.** Cannot be mailed.

Gardener's Insecticide.—This fluid destroys all insect pests on plants and trees, and prevents blight and mildew. Cannot be mailed. Price, per bottle, **$1.25.**

Hellebore, Powdered. For destroying slugs, caterpillars, currant worms, etc. Lb., **30c.**; by mail, **35c.**

Nikoteen.—Is the cheapest, cleanest and most effective of insecticides, and will not injure or discolor delicate plants. It is composed of that element in tobacco which gives it its value as an insecticide and nothing else. The best extracts of tobacco contain from 1½ to 2½ per cent. of nicotine; this preparation contains 40 per cent. of nicotine, and one case of ten bottles is equivalent to two thousand pounds of stems, or twenty-five gallons of tobacco extract. Pint bottle, **$2.00.**

Tobacco Soap.—Makes an excellent wash for plants and trees infested with insects, and is particularly effective in killing green and black fly aphides, turnip and cabbage fleas, rose slugs and bark lice. Dissolve 2 oz. in a gallon of water, apply with spraying pump, etc., or dipping plants into solution. Per pkg., **25c.**; by mail, **30c.**

Fir Tree Oil.—Soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Cannot be mailed. Per bottle, 4 sizes, **25c., 50c., 75c.** and **$3.**

Whale Oil Soap.—One of the most effective and cheapest remedies to destroy slugs, worms and other insects on trees, shrubs, garden and house plants. One pound of soap to seven gallons of water for applying to foliage. Use two ounces to one gallon of water for spraying rose bushes, etc. Lb., **25c.**; 5 lbs. for **$1**; to mail, add **5c.** per lb.

Persian Insect Powder.—For destroying Roaches, Ants, Fleas and all other noxious insects. Per lb., **65c.**, post-paid.

Gishurst's Compound.—For destroying Green Fly, Mealy Bug, Thrip, Mildew, etc. Per pkt., **50c.**, post-paid.

Slug Shot.—For destroying Potato Bugs and those on Tomato and Egg Plants, Currant Worms, Cabbage Lice and Worms, Beetles, Striped Bugs on Melons, Squashes, Turnips, Beets, Canker Worms and Caterpillars on Fruit and Ornamental Trees, Rose Bugs, Cut Worms, etc. Price, 5 and 10 lb. pkgs., **6c.** per lb.; by mail, **10c.** post-paid.

Flower of Sulphur.—For the prevention and destruction of mildew on plants, blow it over and through the foliage when the dew is on or after a thorough syringing. Price, per lb., **15c.**; 12 lbs., **$1**, by express or freight at purchaser's expense.

USEFUL FORMULÆ FOR SPRAYING

Plant.	First Application.	Second Application.	Third Application.	Fourth Application.
Apple	When buds are swelling, Bordeaux mixture and Paris Green.	*Just before blossoms open, Bordeaux and Paris Green.*	*When blossoms have fallen, Bordeaux and Paris Green.*	8-12 *days later, Bordeaux and Paris Green. Repeat* 14 *days later if necessary.*
Cherry	As buds are breaking, Bordeaux; when aphis appears, Kerosene emulsion.	When fruit has set, Bordeaux and Paris Green.	10-15 days, Bordeaux and Paris Green.	
Currant / **Gooseberry**	*At first signs of worm or mildew, Bordeaux and Paris Green.*	10-15 days later, Bordeaux and Paris Green.	If worms persist, Hellebore or Paris Green.	10-14 *days repeat if necessary.*
Grape	When leaves are one inch in diameter, Bordeaux mixture and Paris Green.	*When flowers have fallen, Bordeaux and Paris Green.*	*Bordeaux mixture at intervals of* 10-15 *days.*	
Peach, Nectarine	*Before the flower buds open, Bordeaux mixture.*	As soon as petals have fallen, Bordeaux mixture and Paris Green.	*When fruit is green, Bordeaux and Paris Green.*	10-15 *days later, Bordeaux.*
Pear	Same treatment as Apple.			
Plum	Same treatment as Apple.		10-14 *days later, Bordeaux.*	10-20 days later, Bordeaux.
Potato	*When beetles first appear, Paris Green,* 1 *lb. to* 100 *gallons of water.*	*When vines are ⅔ grown, Bordeaux and Paris Green, at intervals of* 10-15 *days if necessary.*		

BORDEAUX MIXTURE

Copper sulphate or Blue Stone ..... 4 pounds
Lime (fresh) ..... 4 "
Water ..... 40 gallons

Bordeaux Mixture is made by dissolving four pounds of copper sulphate in say five gallons of hot water. Take four pounds of fresh caustic lime, adding water enough to make a thin white-wash; fasten a piece of coarse sacking over the barrel containing the solution of blue stone, and strain the thin white-wash into it. When this is done add enough water to bring the whole up to forty gallons. The cost of this will not exceed one and a half cents per gallon. It is necessary to add the lime in order to prevent the copper sulphate from injuring the foliage. In order to kill the apple worms before they have time to eat their way into the apples it is necessary to add Paris green to poison the worms. The proportion that is advised is at the rate of one pound of Paris green to two hundred gallons of water. This would require six and two-fifths ounces of Paris green to be added to the forty gallons of Bordeaux mixture. Six ounces, however, will be found to be sufficient. By thus combining the poisonous Paris green with the copper sulphate, we are able to kill two birds with one stone; to prevent the fungus from making the apple scabby and the young worms of the codling moth from spoiling the fruit.

AMMONIACAL COPPER CARBONATE

Copper carbonate ..... 1 ounce
Ammonia ..... enough to dissolve the copper
Water ..... 10 gallons

The copper carbonate is best dissolved in large bottles, where it will keep indefinitely, and it should be diluted with water as required. For same purpose as Bordeaux.

HELLEBORE

Fresh white Hellebore ..... 1 ounce
Water ..... 3 gallons

Apply when thoroughly mixed. For insects which chew.

KEROSENE EMULSION

Hard soap ..... ½ pound
Boiling water (soft) ..... 1 gallon
Kerosene ..... 2 gallons

Dissolve the soap in the water, add the kerosene, and churn with a pump for 5-10 minutes. Dilute ten times before applying. For insects which suck, cabbage worms, and all insects which have soft bodies.

PYRETHRUM

Pyrethrum powder (fresh) ..... 1 ounce
Water ..... 4 gallons

Apply when thoroughly mixed.

PARIS GREEN

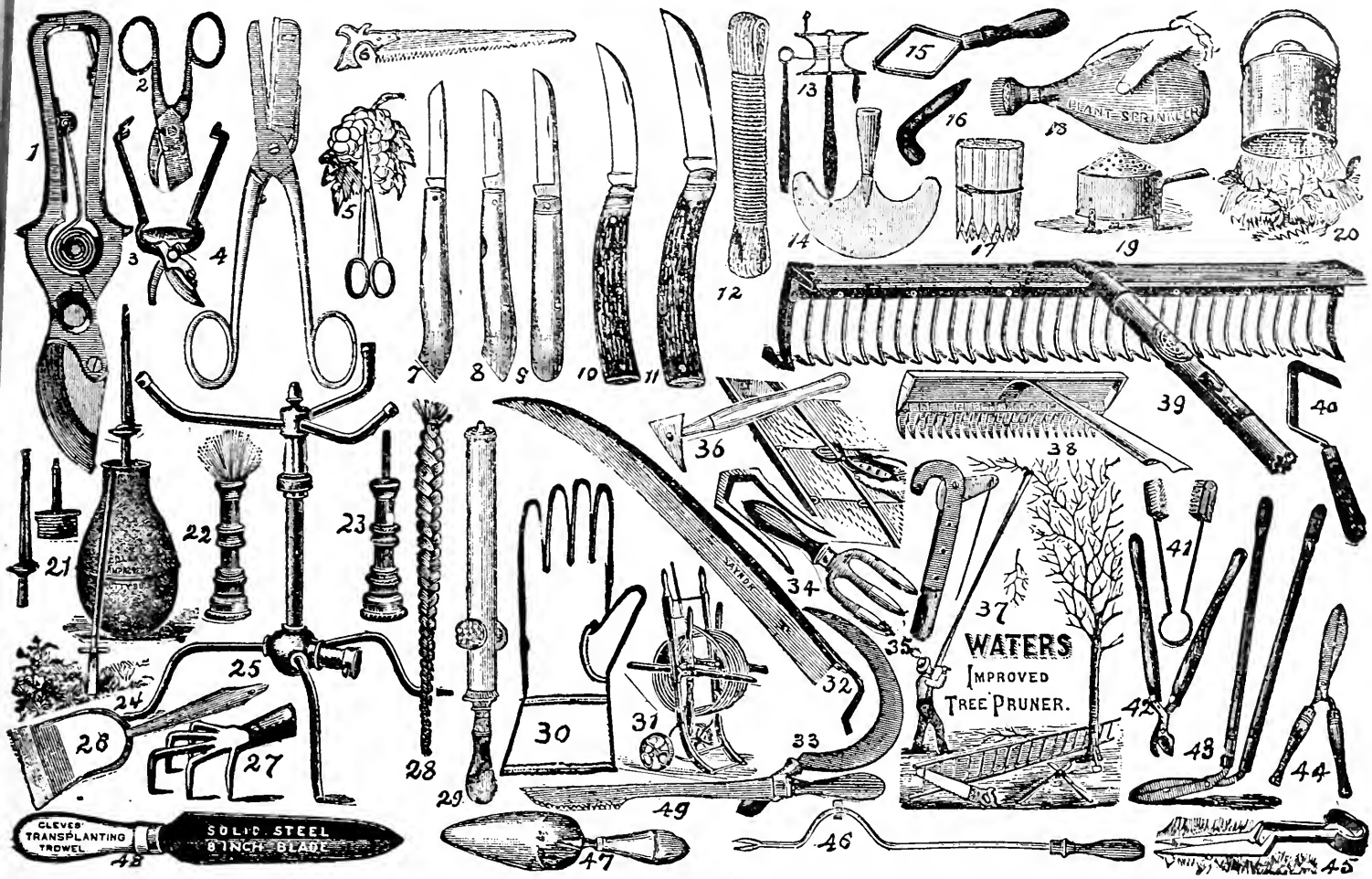
Paris green ..... 1 pound
Water ..... 250 gallons

If this mixture is to be used upon peach trees, 1 pound quicklime should be added. Repeated applications will injure most foliage unless lime is added. *Paris green and Bordeaux can be applied together with perfect safety.* The action of neither is weakened, and the Paris green loses all caustic properties. For insects which chew.

EARTHENWARE FLOWER POTS AND HANGING BASKETS

The measurement is from inside to outside. **Packing charges extra when ordered. These prices are F.O.B. Toronto. Packing charged at cost.**

Flower Pots.			Saucers.	Flower Pots.			Saucers.	Hanging Baskets.	
Size.	Per doz.	Per 100.	Per doz.	Size.	Per doz.	Per 100.	Per doz.		
Thumbs, 2 in	$0 15	$1 00		Pints, 5 in	$0 40	$2 50	$0 25	Small size	$0 15
Small Verbenas, 3 in	20	1 20		Quarts, 6 in	50	3 50	30	Medium size	25
Large Verbenas, 3½ in	25	1 25		2 Quarts, 7 in	1 00	7 00	50	Large size	35
Half Pints, 4 in	25	2 00	$0 15	4 Quarts, 9 in	1 75	12 00	75		



GARDEN AND FLORIST REQUISITES

NOTE.—**The figures in brackets, thus (1), denote the number of cut on the above.**

Garden and Florist Requisites.—Forwarded per Mail only where post-paid prices are quoted. All others by Express or Freight only.

Arches, iron, 5 ft. high, each $0 80
" " " " with wire basket 1 20
Aphis Brushes (*Fig.* 41), each 75
Bag Holders 20
Bamboo Canes, 4 to 7 feet long. Used as plant stakes, per 100 ..... 1 00
Bouquet Holders, Post-paid 10
Chrysanthemum Tweezers. Brass 75
Dandelion Puller 70
Dibblers. For planting (16). Each, post-paid... 50
Floral Garden Tools. Set of 4,—rake, hoe, spade and fork 1 50
Fumigators. Greenhouse (19). Each 1 25
Gloves, Oiled, pair, post-paid 80
" Gardeners' (men's), pair, post-paid..... 50
" Harvest, " " 30
" Threshing, " " 75
Gloves, Rubber (Fig. 30). When ordering give size of kid glove worn.
" " Short Fine, white 2 00
" " Half Long 2 50
Glaziers' Points (34). E. J. Van Reyper's. Price, per box of 1000, **80c.**; by mail, **90c.** Pincers, **40c.**; by mail, **50c.**
Grass Hooks (33). Best imported. Each..... 50
Grafting Wax. (Post-paid) ½ lb., **30c**.; lb..... 45
Garden Lines (12). Of the best material, 50 ft., post-paid 25
Garden Reels (13). Iron, plain, with stake .. 70
Hoes. Dutch Scuffle, English make (26), 4 in., each 50
" " " 6 in., " 55
" " " 7 in., " 60
" " " 8 in., " 75
Hose, Rubber. In 50 ft. lengths only, including coupling, viz., best quality, per ft., 1 in., **18c.**; ¾ in., **12c.**; ½ in., **10c.**
Hose, Nozzle (22 and 23). Graduating spray and steam ¾ in., post-paid..... 75
Hose Menders. Each, post-paid 50
Hose Reels (31). Holding 100 ft., **$2.00** to 3 00
Hyacinth Glasses in Colors. Blue, green, wine, amber and white. Per doz., **$1.50**; ea., 15
Iron Lawn Roller. With platform top. Weight about 245 lbs. Each 15 00
Knives (49). Asparagus, imported, best Sheffield make, post-paid..... 1 00
Knives (14). Grass Edging, crescent shape, finest steel, 8-in. blade, round edge, without handle, each 1 00

Knives. Budding, ivory handle (7), 323, each... $1 00
" " " " (8), 325, " ... 1 00
" " " " (9), 204B, " ... 1 50
" Pruning, " " (10), 187, " ... 1 00
" " " " (11), 189, " ... 1 50

Labels. Pot (wooden) (17).

	Per 1000	Post-paid.	Per 100, post-paid
" " 3 in.,	$0.90	$1.00	$0.15
" " 3½ in.,	1.00	1.10	15
" " 4 in.,	1.00	1.15	15
" " 5 in.,	1.25	1 50	20
" " 6 in.,	1.50	1.80	20
" Painted 5 in.,	1.60	1.80	25
" " 6 in.,	1.75	2.00	25
" Tree, copper wired, 3½ in.,	2.50	3.00	40

Lawn Sprinklers, Cleveland Novelty, each ... 1 25
" Wolverine (25), each..... 2 50
" Arc 1 25
Needles. For sewing grain bags, each, post-paid 10
Pencils. Wolf's Indelible, each, post-paid..... 15
Powder Duster (20), of tin, with perforated bottom 60
Rakes, Daisy (38) for cleaning lawns, 20 teeth.... 2 25
" " (38) " " " 22 teeth..... 2 50
" Garden, steel, with handles, **60c.** and..... 70
Gibbs Lawn Rake (39). Lawns can be cleaned perfectly with this Rake in less time and labor, requiring no picking of grass or leaves from the teeth, and do not tear the sod when raking. To unload Rake, simply push backwards without raising it. One motion clears all the teeth perfectly 1 25
Roffea (28). The best tieing material for plants, etc., 10 lbs. for **2.50**; per lb., post-paid..... 35
Scollay's Putty Distributor (21). Post-paid... 1 25
Scythes. Tysacks, English (32), **$1.35** to..... 1 50
" Stones, post-paid 20
Saws. Heavy (6), for pruning, each 75
Scissors. Short and heavy (2) for pruning, post-paid 75
" Flower Gatherers (4), Blythe's Patent, silver-plated, post-paid 1 50
" Grape Thinning (5), post-paid..... 1 00
" Secateurs, wheel spring (1), highly recommended, 7 in., each, $1 25; 9 inch, each 1 50

Shears. Hedge or lawn. best imported, 8 in..... $1 25
" " " 9 in..... 1 50
" Border (43), long handles, 8 in., **$2.00**; with wheel, **$2.50**; 9 in., **$2 25**; with wheel..... 2 75
" Ladies' (44), durable and useful for light work 1 00
" Sheep (45), for trimming grass on edges and around flower beds, each... ... 1 00
" Branch Lopping or Pruning (42), light... 1 30
Syringes (29). Brass; each syringe is supplied with a jet, and a coarse and fine rose. Postage prepaid.
" Cooper's Patent Protector..... 6 00
" Cheap Brass, with rose and jet, light ... 1 25
" Gardeners', 16 x 1½ in. barrel, strong ... 2 75
Sprinkler. Scollay's Elastic Plant. Post-paid (18) 1 00
" " Angle neck for spraying under leaves, each 1 10
Trowels. Imported English Steel (47), post-paid, 6 in., each, **25c.**; 7 in. each..... 30
" Cleve's Angle (48), post-paid, No. 1 "Standard" 8 in. blade, **40c.** each; No. 2, 7 in. blade, **30c.** each; No. 3 "Daisy," 5 in. blade, each..... 20
Tree Scraper (36). For removing old bark 75
" **Pruners.** Waters' (37) 6 ft..... 75
" " " 7 ft..... 90
" " " 8 ft..... 1 00
Weeders. Fork-shaped (35), post-paid 25
" Hazeltines (40), post-paid 30
" Noyes (15), post-paid 25
" Claw-shape (27), post-paid..... 25
" Dock Spud, for lawns (24) 50
Wheelbarrows, strong, each 4 00

FLORISTS' SUNDRIES

Tin foil, in long strips, 5 in. wide, per lb., post-paid 25
Tooth Picks, **10c.** per box; 3 boxes for 25
Wire, annealed. (Prices subject to change).
No. 22, per lb., **10c.**; 10 lbs 90
No. 24, " **15c.**; 10 lbs 1 25
No. 28, " **20c.**; 10 lbs 1 80
No. 36, " **35c.**; 10 lbs 3 00
Sphagnum Moss, per bale 1 50

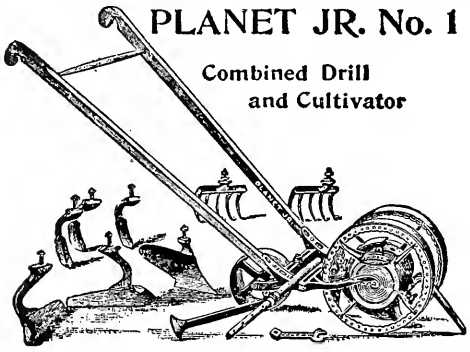
THE "PLANET JR." GARDEN TOOLS

. . . 1901 . . .

The Planet Jr. Goods are widely and favorably known everywhere, the **Combined Seed Drill** being the most popular combined machine in the market. The entire line is well made, handsomely finished, and their **Cultivators** are second to none in popularity. Toronto is a great distributing centre for these as well as other tools. **We** have supplied the **Planet Jr. Goods** to numerous Market Gardeners and others in all sections of the country, who, without exception, recommend them in preference to all others.

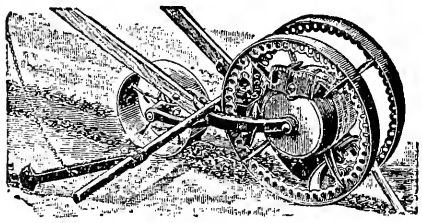
PLANET JR. No. 1

Combined Drill and Cultivator



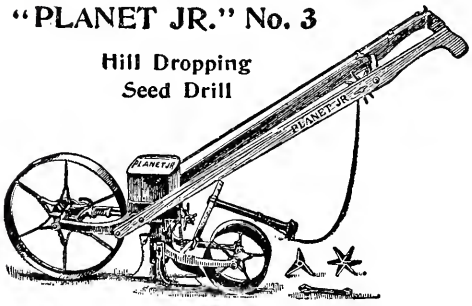
The "PLANET JR." No. 2

Seed Drill



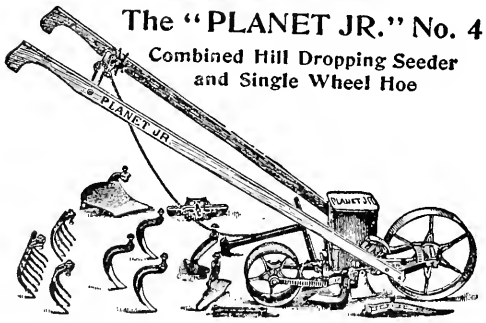
"PLANET JR." No. 3

Hill Dropping Seed Drill



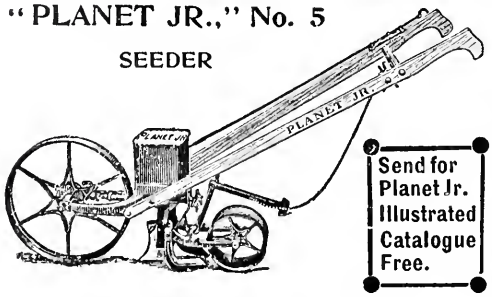
The "PLANET JR." No. 4

Combined Hill Dropping Seeder and Single Wheel Hoe



"PLANET JR.," No. 5

SEEDER



Send for Planet Jr. Illustrated Catalogue Free.

"Planet Jr." No. 1 Combination Drill and Wheel Hoe Cultivator, Rake and Plow.—As a seed sower this tool is the same as No. 2, but smaller. By removing the roller spout and plow, it becomes an excellent wheel hoe, etc. The hoes are admirable for close, level work, the cultivator teeth for deep stirring, the rakes for the surface, the plow as needed. Every purchaser of this machine will find it an excellent seed sower; a first-class double wheel hoe while plants are small; a first-class single wheel hoe; an excellent furrower; an admirable wheel cultivator; a capital garden rake; a rapid and efficient wheel garden plow. It has a fine variety of tools and is remarkable for easy adjustment, lightness, strength and beauty. It is a practical, every-day time, labor and money-saver, and a grand remedy for back-ache in the garden. **Price, $10.75.**

"Planet Jr." No. 2 Seed Drill.—THIS TOOL IS KNOWN THE WORLD OVER, and with the exception of the "Planet Jr." Hill Dropping Drills, is the most perfect drill known. It holds two and one half quarts. **Price, $8.**

"Planet Jr." No. 3 Hill Dropping Seeder.—SOWS EITHER IN HILLS OR IN CONTINUOUS ROWS. A fine hill dropping seeder for 1901, greatly improved in many particulars. This Drill will sow in a continuous row, in the ordinary way, with the greatest regularity, and will also drop in hills 4, 6, 8, 12 and 24 inches apart. The wheel is 15 inches high with a broad face. IT IS CHANGED IN A MOMENT FROM HILL DROPPING TO DRILL WORK. Sows equally as well whether the hopper is full or contains ONLY A PAPER OF SEED, and will not injure delicate seeds, such as radish, cabbage, etc., which are so often crushed by imperfect seeders. The plow is adjustable, and opens a very narrow furrow, which is a great advantage for after cultivation. **Price, $11.50.**

"Planet Jr." No. 4, Combined Hill Dropping Seeder, Single Wheel Hoe Cultivator, Rake and Plow. Exactly the same style of Seeder as No. 5 "Planet Jr." Hill Dropper. It is smaller in capacity, though still of good size, holding two quarts. It drops in hills 4, 6, 8, 12 and 24 inches apart, and in drills any thickness, handling the smallest paper of seeds perfectly, and is simple, durable and very light running. THROWS OUT OF GEAR INSTANTLY by simply raising the handles. The index is accurate, plain and easily set. The Drill is detached and the tool frame substituted by moving one bolt. It then becomes one of the most admirable Single Wheel Hoes of the "Planet Jr." family. It has a fine garden plow, two new style hoes, PERFECT SHAPE; three cultivating rakes, NEW FORM, and made especially to fit 6, 9, 12, 14 and 16 in. rows, three cultivator teeth and a practical leaf guard. **Price, complete, $12.50. No. 4a as a drill only, $9.25.**

"Planet Jr." No. 5 Hill Dropping Seed Drill. SOWS EITHER IN HILLS OR IN CONTINUOUS ROW. This new tool will be a delightful surprise to every gardener. We all know that a seed sower that does not drop in hills is fast becoming a thing of the past, for there are few who do not wish to plant beans, spinach and salsify, carrots and turnips, parsnips and beets, in hills. Why? Because all crops that are to be grown from seed and thinned to a regular stand should be planted in hills at just the distance apart the plants are desired; for in drilling, unless the seed is sown unnecessarily thick, there will not always be a plant at the proper spot, and the crop is therefore irregular. The new No. 5 "Planet Jr." drops at 4, 6, 8, 12 and 24 inches apart, and also in a continuous row, without injury to the seed, and can be changed from hill to drill instantly, or from one distance to another very quickly. Its capacity is four quarts, It has a 16½ inch wheel, with broad face, is very light running, is large, yet will sow a single paper of seed perfectly, or drop it accurately in hills. In a word, no seeder has ever been made that equals this newly perfected "Planet Jr." No. 5. **Price, $14.50.**

"Planet Jr." No. 11 Double Wheel Hoe, Cultivator, Rake and Plow. This tool combines in itself the good points of its predecessors with valuable new ideas. It has 11 in. wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment, and can be set at three different heights. The handles are adjustable, and being attached to the arch are entirely undisturbed in making changes of the height of frame, width of wheels, or in the adjustment of the tools themselves. The arch is of stiff steel, unusually high. The design of the frame allows all changes of tools to be made without removal of the nuts from the standards. A pair of model rakes and a pair of new style hoes are added to the usual equipment —seven pairs of tools in all. The whole set shown in the cut goes with the complete tool. The variety of work possible with this machine, covers the whole range of wheel hoe work both on farm and garden. **Price, $9.50.**

(*Continued on next page*).

"PLANET JR." No. 11

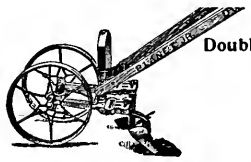
Double Wheel Hoe, Cultivator, Rake and Plow.

"PLANET JR." No. 12

Double Wheel Hoe, Cultivator and Plow.

"PLANET JR." No. 13

Double Wheel Hoe.



"PLANET JR." No. 15

Single Wheel Hoe, Cultivator, Rake and Plow.

"PLANET JR." No. 16

Single Wheel Hoe, Cultivator, Rake and Plow.

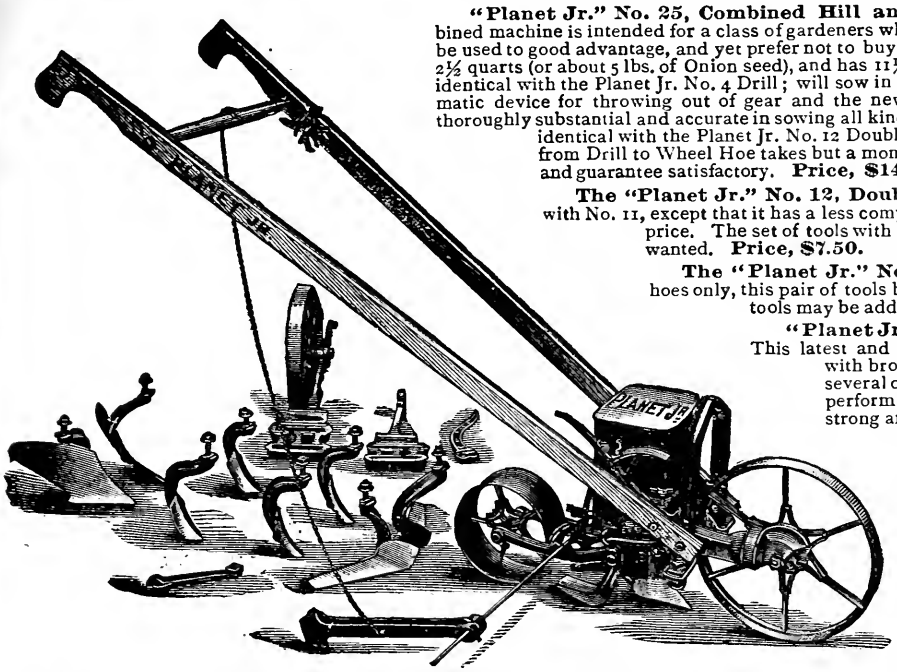
"PLANET JR." No. 17

Single Wheel Hoe, Cultivator, and Plow.

"PLANET JR." No. 18

Single Wheel Hoe.

"PLANET JR." GARDEN TOOLS FOR 1901



PLANET JR. NO. 25.

"Planet Jr." No. 25, Combined Hill and Drill Seeder and Double Wheel Hoe. This new combined machine is intended for a class of gardeners who have a large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It is large enough for field use, for it holds 2½ quarts (or about 5 lbs. of Onion seed), and has 11¼ inch wheels, which are just the right size. As a drill it is almost identical with the Planet Jr. No. 4 Drill; will sow in drills or hills; 4, 6, 8, 12 or 24 inches apart, and has the same automatic device for throwing out of gear and the new combined cut-off and seed index thumbscrew adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills. As a wheel hoe it is identical with the Planet Jr. No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory. **Price, $14.50.**

The "Planet Jr." No. 12, Double Wheel Hoe, Cultivator and Plow. This tool is identical with No. 11, except that it has a less complete equipment, as shown in the cut, but at a correspondingly less price. The set of tools with No. 12 is what gardeners need most, and the rest can be added as wanted. **Price, $7.50.**

The "Planet Jr." No. 13, Double Wheel Hoe. This tool is the No. 11 with 6-inch hoes only, this pair of tools being most generally useful at all seasons. Any or all of the No. 11 tools may be added at any time, and are sure to fit. **Price, $5.25.**

"Planet Jr." No. 15, Single Wheel Hoe, Cultivator, Rake and Plow. This latest and best Single Wheel Hoe, improved for 1901, has an 11-inch wheel, with broad face and a conveniently arranged and a very full set of tools, several of them being of new, special design, such as has been found to perform Wheel Hoe work in the very best manner. It is very light and strong and easy running; has three more tools than the old Planet Jr., and does a much greater variety of work and does it better. Has adjustable handles and frame, especially adapted for quick changing of teeth. It is a most perfect Wheel Hoe for market gardeners or for private places. The tools are: A well-shaped plow for ploughing, marking out, covering and late cultivation; a pair of neat 4-inch shield hoes, just right for hoeing in rows from 9 to 12 inches; and a large pair for wider work, and three cultivator teeth. Also a set of three rakes, just right for 6, 9, 12 and up to 16-inch rows, with two arranged side by side. The rakes are just the thing for preparing ground for the Seed Drill. A practical leaf guard completes the equipment. The frame changes in height, and the wheel to the other side of the frame, when both sides of the row can be hoed at one passage. **Price, $7.50.**

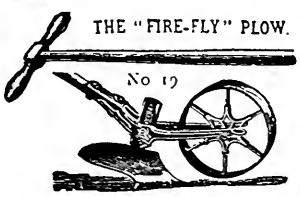
The "Planet Jr." No. 16, Single Wheel Hoe, Cultivator, Rake and Plow. This Wheel Hoe is identical with No. 15, except that it has fewer tools, but the price is proportionately lower, and the remaining tools may all be added as wanted. **Price, $6.25.**

The "Planet Jr." No. 17, Single Wheel Hoe, Cultivator and Plow. This also has the same frame, handles, etc., as No. 15, but is supplied only with a pair of 6-inch hoes, a set of cultivator teeth and a plow, a sufficient outfit for most gardening work. The others can be added at any time. **Price, $5.25.**

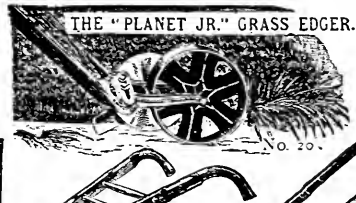
The "Planet Jr." No. 18, Single Wheel Hoe. With the same frame and handles as No. 15; it has one-pair of 6-inch hoes only, but they are the most constantly useful through the season of all the list. The remainder you buy as wanted. **Price, $4.**

The "Fire-Fly" No. 19, Wheel Garden Plow. This tool is most useful to owners of small gardens. It will throw a furrow four to six inches wide, and one to three inches deep. The furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. The mould-board is tempered and polished steel; the depth is perfectly regulated and turns a complete furrow. The price is within the reach of all. **Price, $2.75.**

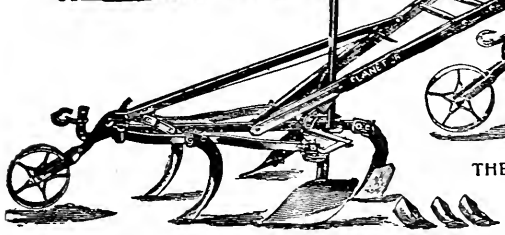
The "Planet Jr." No. 20, Grass Edger. Most convenient and perfect for trimming the edges of walks and drives. It will trim straight or curved edges as fast as the operator can walk, and should be the companion of the lawn mower. Strawberry growers will find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners. **Price, $6.75.**



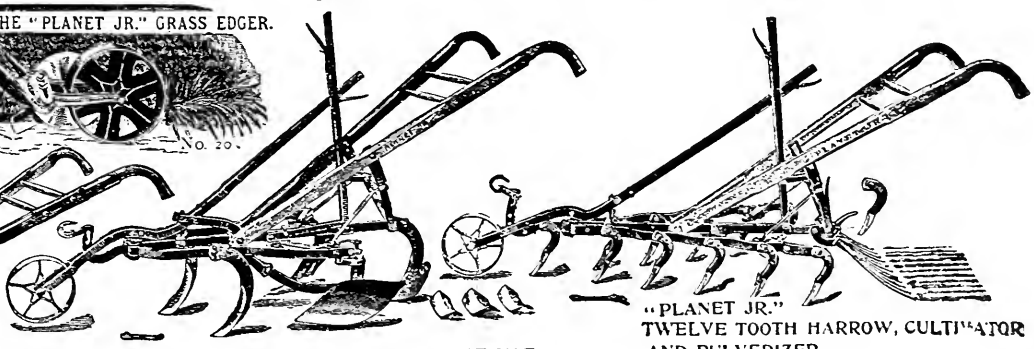
THE "FIRE-FLY" PLOW.



THE "PLANET JR." GRASS EDGER.



THE "PLANET JR." No. 7 HORSE HOE AND CULTIVATOR.



THE "PLANET JR. No. 8 ALL STEEL HORSE HOE AND CULTIVATOR.

"PLANET JR." TWELVE TOOTH HARROW, CULTIVATOR AND PULVERIZER.

The "Planet Jr." No. 7, Horse Hoe. Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world and gives the highest satisfaction everywhere. It has the high frame, patent hollow steel standards, patent lever STAR wheel, and lever expander, and is the best horse hoe known, except the No. 8. **Price, $9.**

The "Planet Jr." No. 8, Horse Hoe. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. For 1901 we offer important improvements in the No. 8 "Planet Jr." Horse Hoe and Cultivator, as described below: **The Frame** is longer than usual and about one-and-a-half inches higher, making a tool that will not clog easily. **The Standards** are formed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions, and they clasp the frame and strengthen it. **The Depth** is under perfect control by means of a new lever wheel and the new patented depth regulator, which are moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator. **The Expander**—This is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions. **Handle and Braces**—These are also absolutely new and the most effective and stiffest combinations known, at once making the tool rigid, yet allowing every adjustment of handles in height and sidewise. Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. **Price, $10.**

The "Planet Jr." 12-Tooth Strawberry Cultivator and Harrow. This comparatively new tool has rapidly grown into favor with market gardeners and strawberry growers. It is carefully made and finished, has a high frame and the chisel-shape teeth cut an inch wide each, and may be worn down three inches before that width is lessened or the teeth worn out; even then they are cheaply replaced. It may be set with teeth trailing, by simply changing one bolt in each tooth. The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. **Price, complete, $10; without pulverizer, $8.50.**

The New "Planet Jr." Potato Digger. An indispensable instrument for potato growers. It digs clean, does not cut or bruise the tubers, and leaves them easy to gather. It works perfectly in green vines or among weeds, and leaves the field nearly level. The draft is light, quickly adjusted, easily managed, and will last a life-time. Is the best digger ever offered; will save its cost in a few days. **Price, $22.**

"Planet Jr." Double Celery Hiller. Celery Hillers are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. With them some of our best and largest growers hill their celery without any handling whatever. We make both single and double hillers, both with lever expanders and leaf lifters. The double is fitted with lever wheel. The hilling blades are 43 inches long, adjustable in width or height as wanted; the double machine works all rows up to four feet apart. Before hilling, the soil should be thoroughly loosened with a horse hoe. **Price, $14.50.**

Descriptive and Illustrated Catalogue sent on application.

We carry a full line of machines and repairs. Every piece has a mark or number upon it. Be sure and mention number when ordering repairs or parts.

THE PRICES FOR ALL PLANET JR. TOOLS ARE F.O.B. CARS, TORONTO

..FERTILIZERS..

USED BY PRUDENT GROWERS BECAUSE IT PAYS.

Albert's Concentrated Soluble Horticultural Manure

Brings Flowers to Their Fullest Development in the Shortest Time.

Do not put the Manure, dry or dissolved, on the leaves, and do not overdose, as plant roots take it up very greedily, and if overfed suffer from the results of overfeeding.

FOR POT PLANTS. For all pot plants this concentrated manure is unsurpassed. It is best dissolved in water in the proportion of ½ to 1 oz. to a gallon, and this solution used for watering, taking care not to let any of the solution come in contact with the leaves. Quick growing plants, such as Begonias, should be watered once a week, and Palms, Rubbers, etc., once every two weeks. By such applications the plants develop more rapidly, and produce an increase of bloom to an extent hitherto unknown. It can also be mixed with the soil before potting, at the rate of one dessert-spoonful manure to one gallon of earth. Full directions on each package. Price, 1 lb. tin, **25c.**; mail, post-paid, **35c.**

NITRATE OF SODA. When applied with farm yard manure at the rate of from 300 to 500 pounds per acre, it gives astonishing effect. Market gardeners can use it profitably for cabbage, cauliflower and other crops. It improves and hastens the strawberry crop. For farm crops, such as wheat, barley, oats and corn, a moderate quantity applied broadcast on the land is excellent. Price, 25 lbs., **$1**; 50 lbs., **$1.75**; 100 lbs., **$3.25**. By express at purchaser's expense.

MURIATE OF POTASH. 25 lbs. for **$1.50**; 50 lbs. for **$2.25**; 100 lbs. for **$4.00**. By freight or express at purchaser's expense.

SULPHATE OF POTASH. 25 lbs. for **$1.75**; 50 lbs. for **$3.00**; 100 lbs. for **$5.50**. By freight or express at purchaser's expense.

QUEEN CITY LAWN FERTILIZER. Especially prepared for use upon lawns, and contains all the constituents for promoting a quick, luxuriant growth, and a rich green color. It is absolutely odorless, and so clean that it can be applied with no offence to the organs of sight or smell. It is quick in stimulating the grass roots to greater activity, thereby inducing a thick, velvety surface upon the lawn. The common habit of applying coarse stable manure upon lawns causes weeds to grow, and is very offensive to both sight and smell. Better and cleaner results are secured by using "Queen City" Lawn Fertilizer. When making a new lawn apply from 150 to 200 lbs. per acre, raking well into the soil. For improving the lawn about 1 pound for each 16 feet square. Care should be exercised not to apply too much at one time, as it is strong and liable to injure the grass when carelessly applied. Apply when the grass is dry, and if possible just before a shower. It is exceedingly valuable as a garden fertilizer, and can be applied at the rate of 1 lb. to 10 feet square. Price, 1 lb., **15c.**; 5 lbs., **50c.**; 10 lbs., **75c.**; 25 lbs., **$1.25**; 50 lbs., **$2.00**; 100 lbs., **$3.50**. By freight at purchaser's expense.

OUR SEEDS

ARE SOLD BY ALL RELIABLE

GROCERS, DRUGGISTS AND DEALERS

WE WANT YOUR ORDER

YOU CAN ORDER THROUGH YOUR LOCAL DEALER, WHO WILL GLADLY FORWARD THE SAME, OR SEND DIRECT TO US YOURSELF.

STANDARD PLANT FOOD. A preparation made expressly for plants grown in the house, conservatory or garden, and cannot be recommended too highly. It is free from odor, clean to handle, and materially promotes a strong healthy growth, a profusion of bloom, and aids in keeping plants free from insect pests. Directions for use on each package. By mail (post-paid), small package, **15c.**; large package, **35c.**; by express or freight, purchaser paying carriage, 6 lbs. for **75c.**; 10 lbs. for **$1.00**.

PREPARED PLANT SOIL. It is very inconvenient for those living in cities and towns to obtain suitable soil for re-potting plants. To meet such want we supply a specially prepared soil, properly fertilized, and containing all the elements of plant food. Price, 25 lbs. for **30c.**; 50 lbs. for **55c.**; 100 lbs. for **$1.00**; 200 lbs. for **$1.75**. At prices quoted purchasers must pay charges for carriage.

PEAT. To supply a necessity with florists and amateurs for growing Exotics, Azaleas and many varieties of plants requiring peat, we import Hampshire Brown Fibrous Peat, and for Orchids a special high grade of Bedfordshire Peat. The Peat is put up in compressed form, in bushel quantities or in sacks of four bushels each. Prices: Brown Peat, per bush., **$1.00**. Orchid Peat, per bush., **$1.50**. By freight at purchaser's expense.

PURE FINE GROUND BONE MEAL. For florists' and gardeners' use, where quick results are required. Per lb., **5c**; 6 lbs., **25c.**; 10 lbs., **40c.**; 25 lbs., **75c.**; 50 lbs., **$1.25**; 100 lbs., **$2.00**; 500 lbs., **$8 00**; per ton, **$30.00**, on cars, Toronto.

KAINIT. 25 lbs. for **75c.**; 50 lbs. for **$1.25**; 100 lbs. for **$2**. By freight or express at purchaser's expense.

USEFUL TABLES FOR THE FARMER AND GARDENER.

		PER ACRE
Asparagus	1 oz. to 60 ft. drill	
Beans, Dwarf, in hills	2 lb. to 200 ft. drill	75 to 90 lbs.
Beans, Pole, in hills	1 lb. to 75 hills	
Beet, Garden or Sugar	1 oz. to 50 ft. drill	5 to 6 lbs.
Barley, broadcast		2 to 2½ bus.
Barley, in drills		1½ to 2 "
Buckwheat, broadcast		¾ to 1 "
Buckwheat, for soiling		1½ to 2 "
Cabbage, for transplanting	1 oz. to 2,000 plants	¼ lb.
Cauliflower, for transplanting	1 oz. to 2,000 "	¼ lb.
Carrot	1 oz. to 100 ft. drill	2 to 3 lbs.
Celery, for transplanting	1 oz. to 4,000 plants	¼ lb.
Clover Seed, red		12 to 15 lbs.
Clover Seed, white		6 to 8 lbs.
Clover Seed, Alsike		8 to 10 lbs.
Corn, Sweet	1 lb. to 100 hills	12 to 15 lbs.
Corn, Flint	1 lb. to 80 hills	15 to 20 lbs.
Corn, fodder in drills		2 to 2½ bus.
Chicory	1 oz. to 100 ft. drill	2 to 3 lbs.
Cress, Garden	1 oz. to 100 ft. drill	
Cucumber, in hills	1 oz. to 100 hills	2 to 3 lbs.
Egg Plant, for transplanting	1 oz. to 1,500 plants	
Endive	1 oz. to 100 ft. drill	
Flax		1 to 2 bus.
Hungarian and Millet		½ to ¾ bus.
Leek	1 oz. to 150 ft. drill	
Lettuce	1 oz. to 150 ft. drill	
Lucerne, broadcast		15 to 20 lbs.
Mangel Wurzel, in drills		4 to 6 lbs.
Melon, Musk, in hills	1 oz. to 100 hills	2 to 3 lbs.

		PER ACRE
Melon, Water, in hills	1 oz. to 25 hills	1½ to 2 lbs.
Oats		2 to 3 bus.
Onion, in drills	1 oz. to 100 ft. drill	4 to 5 lbs.
Onion Sets, for planting	1 lb. to 40 ft. drill	8 to 12 bus.
Orchard, Red Top and Blue Grass		2 to 3 bus.
Parsley	1 oz. to 150 ft. drill	
Parsnip	1 oz. to 200 ft. drill	5 to 6 lbs.
Peas, in drills		1½ to 2 bus.
Peas, broadcast		2 to 3 bus.
Potatoes, in hills or drills, cut tubers.		8 to 10 bus.
Potatoes, cut, to single eyes		4 to 6 bus.
Pumpkin	1 oz. to 15 hills	1½ to 2 lbs.
Radish	1 oz. to 150 ft. drill	8 to 10 lbs.
Rape, in drills		1 to 2 lbs.
Rape, broadcast		3 to 5 lbs.
Rye, broadcast		1½ to 2 bus.
Salsify	1 oz. to 100 ft, drill	8 lbs.
Spinach	1 oz. to 100 ft. drill	10 to 12 lbs.
Squash, bush in hills	1 oz. to 30 hills	5 to 6 lbs.
Squash, vine in hills	1 oz. to 20 hills	3 to 4 lbs.
Tares, or Vetches		2 to 3 bus.
Timothy, sown alone		12 to 15 lbs.
Tomato, for transplanting	1 oz. to 1,500 plants	¼ lb.
Turnip, garden	1 oz. to 200 ft. drill	1½ to 2 lbs.
Turnip, field		1½ to 2 lbs.
Turnip, Swede		2 to 2½ lbs.
Wheat, broadcast		1½ to 2 bus.
Wheat, in drills		1½ to 1½ bus.
Clover } When sown together		8 lbs.
Timothy } When sown together		12 lbs.

WEIGHTS WHICH CUSTOM HAS ESTABLISHED

The New Standard is per cental or 100 lbs.

Barley	per bush.,	48 lbs.	Hungarian	per bush.,	48 lbs.
Beans	"	60 "	Millet	"	48 "
Buckwheat	"	48 "	Potatoes, heaping	"	60 "
Blue Grass	"	14 "	Oats	"	34 "
Clover Seed	"	60 "	Orchard Grass	"	14 "
Canary	"	50 "	Onions, new	"	56 "
Corn, shelled	"	56 "	Peas	"	60 "
Corn, in ear	"	70 "	Rye	"	56 "
Coarse Salt	"	56 "	Red Top Grass	"	14 "
Dried Apples	"	22 "	Timothy Seed	"	48 "
Flax Seed	"	56 "	Turnips	"	60 "
Hemp Seed	"	44 "	Wheat	"	60 "

DISTANCE FOR PLANTING

Apples	each way,	30 to 40 feet.
Pears	"	20 to 30 "
Plums	"	16 to 20 "
Peaches	"	16 to 20 "
Cherries	"	16 to 25 "
Grapes	"	8 to 12 "
Currants		4 x 5 "
Gooseberries		4 x 5 "
Raspberries, black		3 x 6 "
Raspberries, red		3 x 5 "
Blackberries		4 x 7 "
Blackberries, on strong soil		6 x 8 "
Strawberries		1 x 3 "

NO. OF PLANTS TO AN ACRE

DIST. APART	NO. PLANTS
1 ft. x 1 ft.	43,560
1½ ft. x 1½ ft.	19,360
2 ft x 2 ft	10,890
2 ft. x 3 ft.	7,260
3 ft. x 3 ft.	4,840
3 ft. x 4 ft.	3,630
3 ft. x 5 ft.	2,904
4 ft. x 6 ft.	1,815
6 ft. x 6 ft.	1,210
6 ft. x 8 ft.	907
8 ft. x 12 ft.	453
20 ft. x 20 ft.	108
20 ft. x 30 ft.	72

The Best is always the Cheapest. Buy Steele-Briggs' Seeds and you get your money's worth.

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THE STEELE, BRIGGS SEED CO LIMITED

TORONTO.

1901

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